



# Oscar

In

**Mathematics**

**For Primary One  
(Student book)**

**Prepared by**

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# The Length



Look at the picture above, then underline the correct word:



is (taller than / shorter than)



is (longer than / shorter than)





Color and write the length as the example:



The length is 6



The length is

length



The length is



The length is



The length is







Measure the length of each object.





# Relative Positions





Observe the position of the rabbit, then write the suitable number to each word in the circle:



1



2



3



4



5



6



right



left



in front of



behind



below



above



Match.



In

Out

Up

Down

Observe the position of the tree to the lion and match the correct word:



Right



Left



Behind



In front of



# Ordinal Numbers

## Ordinal Numbers



10th Tenth

9th Ninth

8th Eighth

7th Seventh

6th Sixth

5th Fifth

4th Fourth

3rd Third

2nd Second

1st First



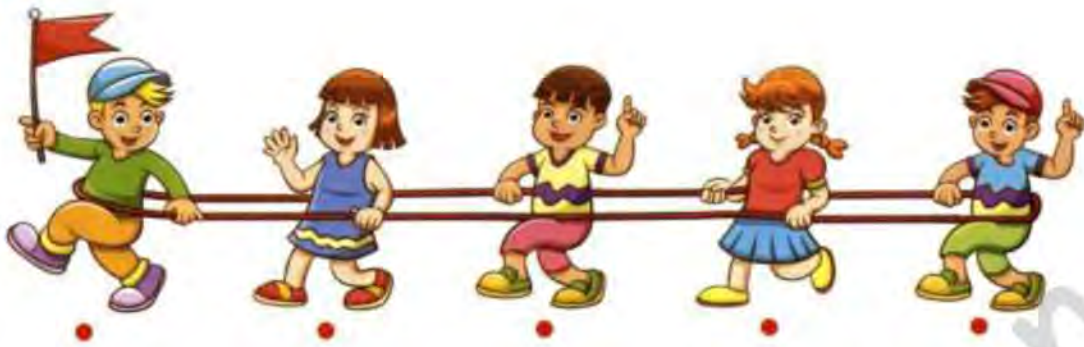
# Activity 3

Observe the picture and circle the correct order of each child as the example:

	2 <sup>nd</sup> Second	4 <sup>th</sup> Fourth	3 <sup>rd</sup> Third
	1 <sup>st</sup> First	5 <sup>th</sup> Fifth	4 <sup>th</sup> Fourth
	1 <sup>st</sup> First	4 <sup>th</sup> Fourth	3 <sup>rd</sup> Third
	3 <sup>rd</sup> Third	1 <sup>st</sup> First	2 <sup>nd</sup> Second
	1 <sup>st</sup> First	4 <sup>th</sup> Fourth	5 <sup>th</sup> Fifth



Match.



2<sup>nd</sup>

4<sup>th</sup>

1<sup>st</sup>

3<sup>rd</sup>

5<sup>th</sup>



Ahmed

Elham

Karim

John

Sylvia

third

fifth

fourth

first

second



# One More \* One Less

## 1 more & 1 less

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



**49** is 1 more than **48**

**47** is 1 less than **48**

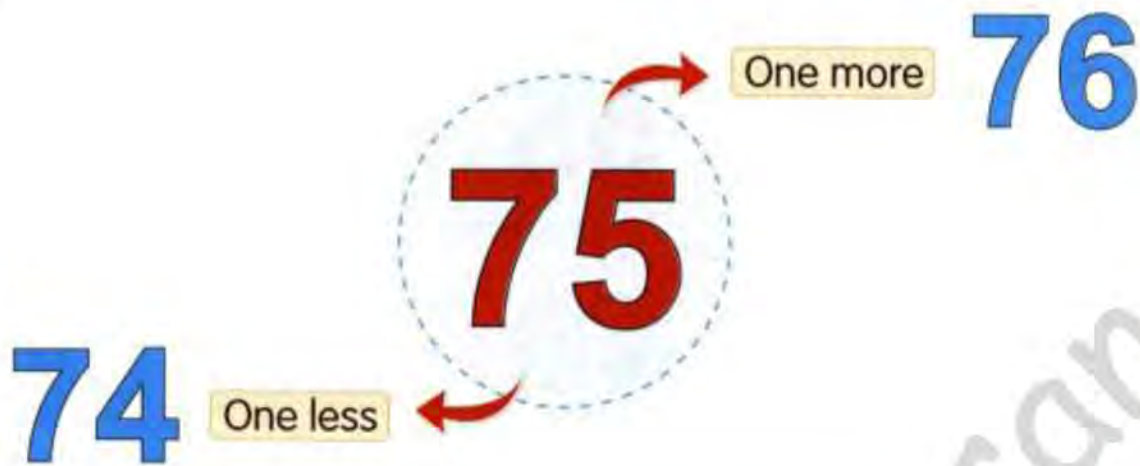


Use the hundred chart to complete.

is 1 more than **64**.

is 1 less than **64**.





Write the number that is 1 more.




Write the number that is 1 less.






Complete.

← one  
less

55

→ one  
more

← one  
less

70

→ one  
more

← one  
less

21

→ one  
more

← one  
less

9

→ one  
more



Complete.

is 1 more than

56

is 1 less than

48

is 1 more than

39

is 1 less than

21

74

is 1 more than

62

is 1 less than

49

is 1 more than

70

is 1 less than



Look at the picture above, then circle the correct word:



is ( **one** more / **one** less ) than



is ( **one** more / **one** less ) than



Write one number more and one number less as the example:





# Ten More \* Ten Less

## 10 more & 10 less

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



### Note

**58**

is 10 more than

**48**

**38**

is 10 less than

**48**



Use the hundred chart to complete.

is 10 more than **64**.

is 10 less than **64**.

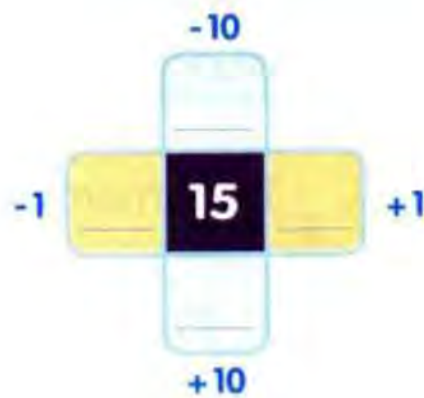
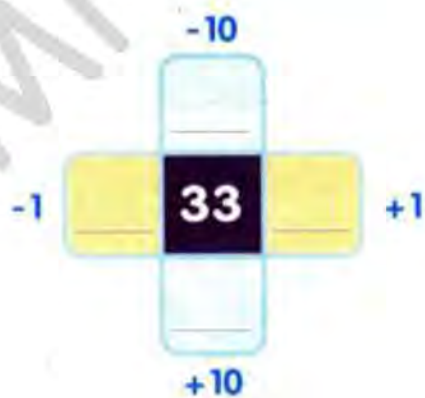
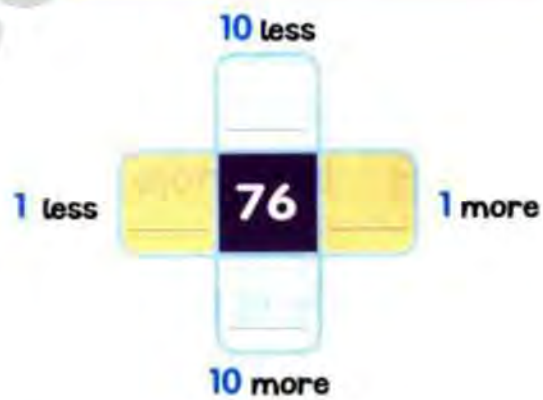
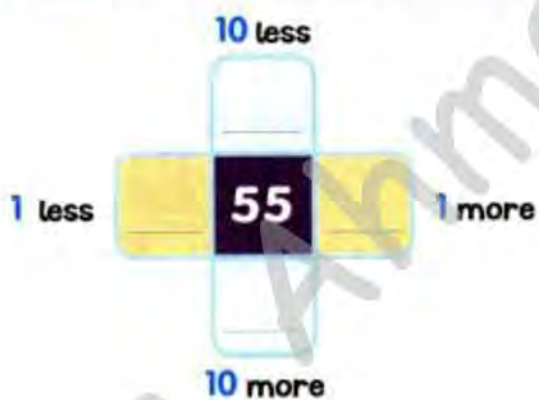


## 1 more & 1 less - 10 more & 10 less

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
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91	92	93	94	95	96	97	98	99	100



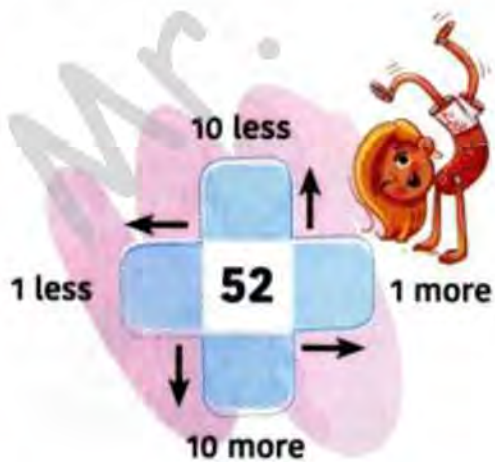
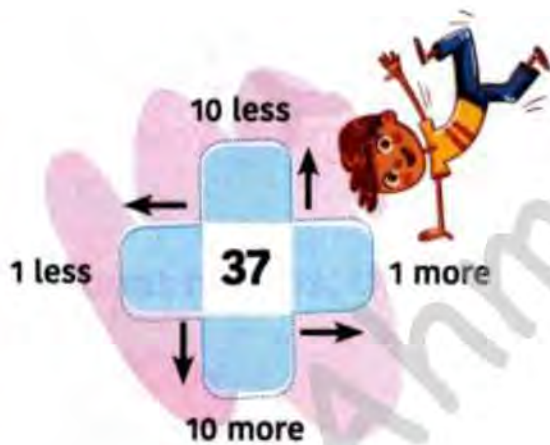
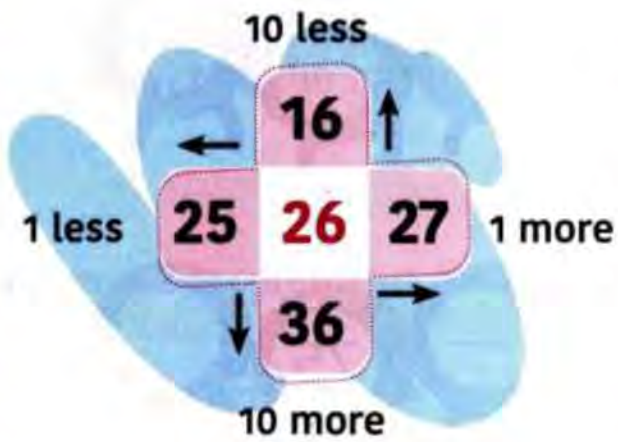
Use the hundred chart to fill in.





- Use the hundred chart to fill in the boxes:

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100





# Money



1 pound



1 pound



5 pounds



10 pounds



20 pounds



50 pounds



100 pounds



Write the amount of money.



L.E.



L.E.



L.E.



L.E.





Join the equal amounts of money.







Can you buy it ? Yes or No.





Compare amounts of money with ( $<$ ,  $>$  or  $=$ )  
as the example:



$>$



$=$



$<$



$<$





# Tens & Ones



## I learned



- Determining the value and place value of each digit in the two-digit number.

Its place value is tens.

Its place value is ones.

57

Its value is 50.

Its value is 7.

- The value of each digit in the two-digit numbers depends on its place.

## Activity 5

Use the numbers to complete:

25	17	24	71	32	42	37
----	----	----	----	----	----	----







Write the tens and ones.

56 →

tens	ones
5	6

98 →

tens	ones

13 →

tens	ones

33 →

tens	ones

30 →

tens	ones

5 →

tens	ones



Write the number.

tens	ones
7	2

 → 72

tens	ones
1	5

 →

tens	ones
2	7

 →

tens	ones
4	6

 →

tens	ones
0	4

 →

tens	ones
8	0

 →



Determine the value of each digit as the example:





• Match:

42

I am made up of  
3 tens and 4 ones,  
who am I?

34



46

4 tens + 2 ones

35

I am made up of  
1 ten and 8 ones,  
who am I?

18

20 + 6

26

I am made up of  
4 tens and 6 ones,  
who am I?



# Comparing & Ordering Numbers

## Comparison:

**1** Which is greater **8** or **11**?

Since **8** consists of **1** digit.  
and **11** consists of **2** digits

**So**  $11 > 8$

**Or**  $8 < 11$



**2** Which is greater **75** or **49**?

Start comparing from the "tens digit".

**75** **49**

Since **7** > **4**, then **75** is greater than **49**.

**So**  $75 > 49$ .

**Or**  $49 < 75$ .



**3** Which is greater **69** or **65**?

Start comparing from the "tens digit".

**69** **65**

Since the tens digits are the same **6**, **6**.

Then compare the ones digit **9** > **5**

**So**  $69 > 65$

**Or**  $65 < 69$ .







Write  $<$ ,  $>$  or  $=$ .

24  15

37  28

36  36

9 tens, 8 ones  99

61  6

6 tens, 4 ones  46

28  20

40 + 5  3 tens, 5 ones

47  74

5 tens  4 tens, 9 ones

5  13

30 + 3  3 tens, 3 ones

82  85

6 tens  7 ones



6

Color the numbers that are greater than 70 in red,  
less than 70 in blue and equal to 70 in yellow:





• Rewrite the numbers in order from the **least** to the **greatest**:

45 , 80 , 77 , 23 , 19



55 , 50 , 87 , 30 , 52



41 , 20 , 22 , 24 , 40



• Order the numbers from the **greatest** to the **smallest**:

30 , 26 , 72 , 11 , 62



15 , 76 , 90 , 67 , 51



16 , 25 , 80 , 10 , 33





Order the following numbers:



The order from the greatest to the smallest:



The order from the smallest to the greatest:



Order the following numbers:



The order from the smallest to the greatest:



The order from the greatest to the smallest:





# Remember: Multiples of Ten

1 ten



ten  
10

2 tens



twenty  
20

3 tens



thirty  
30

4 tens



forty  
40

5 tens



fifty  
50

6 tens



sixty  
60

7 tens



seventy  
70

8 tens



eighty  
80

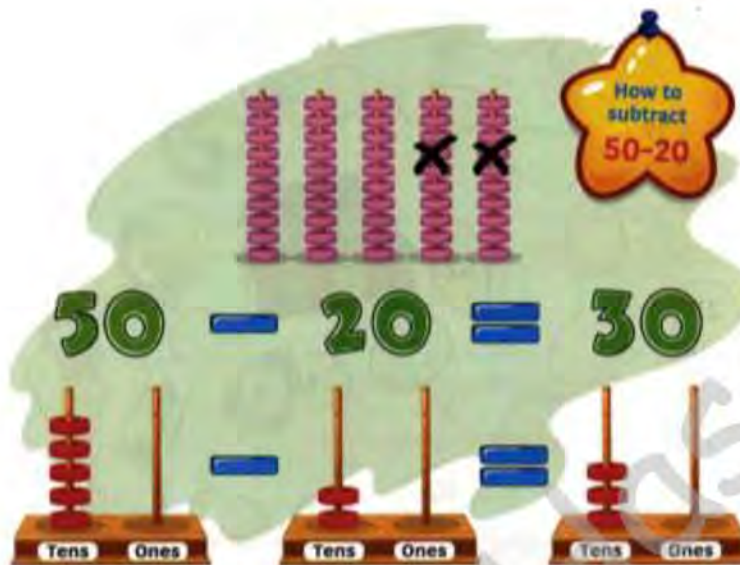
9 tens



ninety  
90



# Subtracting The Multiples of 10 From The Multiples of 10



## Activity

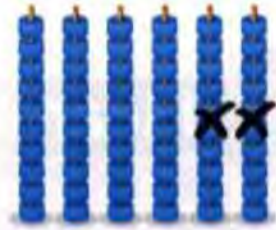
Subtract and complete:



$$30 - 10 = \dots\dots\dots$$

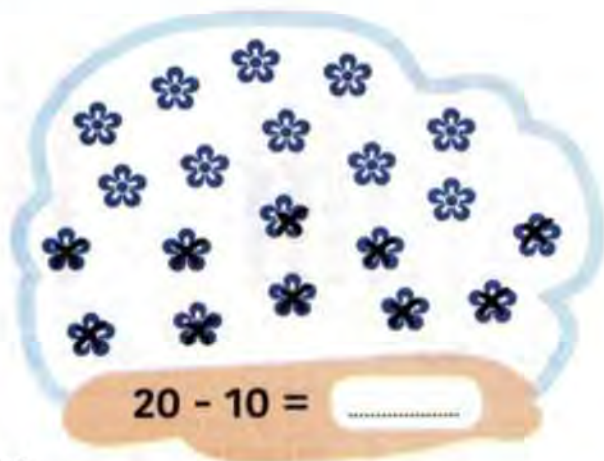
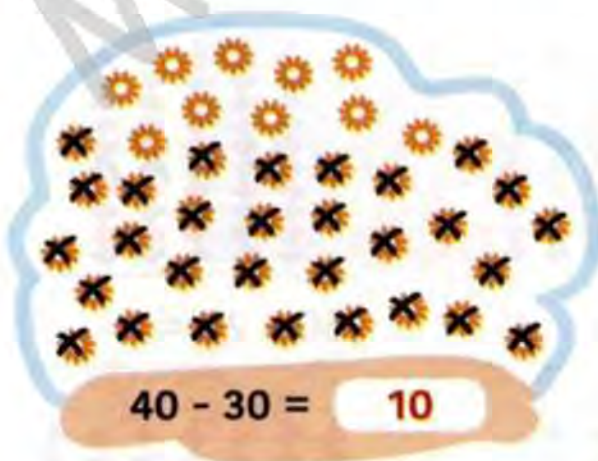


$$40 - 30 = \dots\dots\dots$$



$$60 - 20 = \dots\dots\dots$$

Subtract and write the result as the example:





Join.

$$80 - 50$$

1 Ten

$$70 - 60$$

30

$$6 \text{ Tens} - 1 \text{ Ten}$$

60

$$7 \text{ Tens} - 3 \text{ Tens}$$

20

$$50 - 3 \text{ Tens}$$

4 Tens

$$90 - 30$$

5 Tens



# Problem Solving (Addition)

## Problem solving strategy (1)

**2** children ride bicycles.

**4** children joined them.

How many children are riding bicycles now ?



## Writing a number sentence strategy

### Understand

☆ What do you want to find out ?

Circle the question.

### Plan

☆ What facts do you need ?

Underline them.

### Solve

☆ Write a number sentence to solve.

2

+

4

=

6

### Check

☆ Does your answer make sense ?

Draw a picture to check:





## Problem solving strategy (2)

Sara has **7** flowers.

Her mother gave her some extra flowers.

Now Sara has **11** flowers

How many flowers did her mother give her ?



## Drawing a picture strategy

☆ Write a number sentence to solve.

$$\boxed{7} + \boxed{?} = \boxed{11}$$

☆ Draw a picture to solve.

• Draw **7**



What Sara has first

• Draw **11**



What Sara has in all

$$7 + \boxed{4} = 11$$

• Her mother gave her **4** extra flowers.



### Problem solving strategy (3)

Sameh has **8** books.

His teacher gave him some extra books.

Sameh has now **15** books.

How many books did his teacher give him ?



### Subtraction strategy using fact families

✧ Write a number sentence.

$$8 + \boxed{?} = 15$$

Remember fact family

$$8 + 7 = 15$$

$$15 - 8 = 7$$

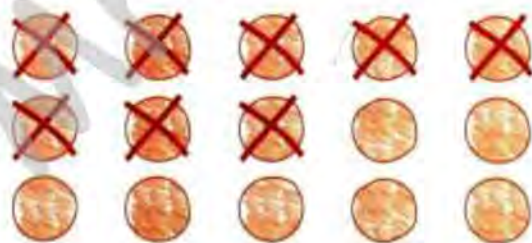
$$15 - 7 = 8$$

✧ Change addition to subtraction.

Start with the answer and subtract the quantity you know to get the unknown.

$$15 - 8 = \boxed{?}$$

✧ Draw a picture to solve.



• His teacher gave him **7** books.

Draw **15** circles.

Cancel **8**

You will get **7**.

$$15 - 8 = 7$$



Add and write the result as the example:



$$\textcircled{7} + \textcircled{5} = \textcircled{12}$$



$$\textcirc{\phantom{0}} + \textcirc{\phantom{0}} = \textcirc{\phantom{0}}$$



$$\textcirc{\phantom{0}} + \textcirc{\phantom{0}} = \textcirc{\phantom{0}}$$





Write the missing number.

$$15 + \bigcirc = 18$$

$$\bigcirc + 7 = 11$$

$$13 + \bigcirc = 18$$

$$\bigcirc + 5 = 12$$

$$8 + \bigcirc = 15$$

$$\bigcirc + 4 = 13$$

$$9 + \bigcirc = 16$$

$$\bigcirc + 14 = 14$$





# Problem Solving (Subtraction)

## Problem solving strategy (1)

**15** birds were flying.

Some landed on a tree.

**6** are still in the air.

How many birds did land on the tree ?



## Drawing a picture strategy

✧ Write a number sentence.

$$\boxed{15} - \boxed{?} = \boxed{6}$$

✧ Draw a picture to solve.

• Draw **15** circles.



• Color **6** circles and count the left circles to get the answer.

$$15 - \boxed{9} = 6$$

• **9** birds landed on the tree.



## Problem solving strategy (2)

Wael has **18** pounds.

He bought a chocolate.

Now he has **10** pounds.

How much money did the chocolate cost ?



## Counting strategy

✧ Write a number sentence.

$$18 - \boxed{?} = 10$$

✧ Change subtraction to addition.

$$10 + \boxed{?} = 18$$

✧ Count to solve.

- Count from **10** to **18**

- You will get **8**.

- The cost of the chocolate is **8** pounds.



Subtract and complete:



$$20 - 6 = \dots\dots\dots$$



$$17 - \dots\dots\dots = \dots\dots\dots$$



$$\dots\dots\dots - \dots\dots\dots = \dots\dots\dots$$



Use the following numbers to complete the problems:

1 2 3 4 5 6 7 8 9 10  
11 12 13 14 15 16 17 18 19 20

$$? - 3 = 3$$

$$18 - ? = 8$$

$$? - 9 = 10$$



# Counting Forward & Backward

## By ones & tens



Start on the given number. Count forward by tens.  
Write the number you say.

Use the hundred chart if you need.

★ Start on 6.

16 , 26 , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

★ Start on 4.

14 , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

★ Start on 7.

\_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

★ Start on 3.

\_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

★ Start on 5.

\_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_



Count forward by tens. Write the numbers.

☆ 3 , 13 , 23 , \_\_\_\_\_ , \_\_\_\_\_

☆ 18 , 28 , 38 , \_\_\_\_\_ , \_\_\_\_\_

☆ 47 , 57 , 67 , \_\_\_\_\_ , \_\_\_\_\_

Circle the number that comes next.

☆ 6 , 16 , 26 , \_\_\_\_\_

36 or 46

☆ 25 , 35 , 45 , 55 , \_\_\_\_\_

50 or 65

☆ 57 , 67 , 77 , 87 , \_\_\_\_\_

79 or 97

Circle the correct one.



55 L.E.

or

45 L.E.



90 L.E.

or

80 L.E.





Start on the given number. Count backward by ones.  
Write the number you say.

Use the hundred chart if you need.

★ Start on 70.

69 , 68 , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

★ Start on 55.

54 , 53 , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

★ Start on 45.

44 , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

★ Start on 33.

\_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

★ Start on 12.

\_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_





Start on the given number. Count backward by tens.  
Write the number you say.

Use the hundred chart if you need.

★ Start on 86.

76 , 66 , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

★ Start on 68.

58 , 48 , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

★ Start on 55.

45 , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

★ Start on 74.

\_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

★ Start on 61.

\_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_



# Subtracting multiples of 10 from 2-digit numbers

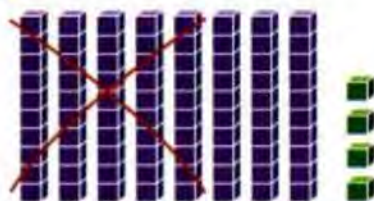
## Subtracting multiples of 10 from two-digit numbers

Subtract  $84 - 50$

★ First way

$$\begin{array}{r} 84 \\ - 50 \\ \hline \end{array}$$

34



Take 5 tens out of  
8 tens and 4 ones



$$84 - 50 = 34$$

★ Second way

$$\begin{array}{r} 84 \\ - 50 \\ \hline \end{array}$$

34

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Start at 84  
and move up 5 rows  
because each row is 10.  
You will reach the  
number 34



$$84 - 50 = 34$$

★ Third way

tens	ones
8	4
5	0
3	4

$$8 - 5 = 3$$

$$4 - 0 = 4$$

- Line up the tens and the ones of the two numbers.
- Subtract the ones column first, then the tens column.



$$84 - 50 = 34$$



Use hundred chart to subtract:

$$45 - 30 =$$

$$70 - 10 =$$

$$96 - 40 =$$

Use place value to subtract as the example:



Tens	Ones
- 9	0
5	0

Tens	Ones
- 7	7
3	0

Tens	Ones
- 5	6
2	0



# Adding multiples of 10 to 2-digit numbers

## Adding multiples of 10 to two-digit numbers

### First way



Add.  $\begin{array}{r} 34 \\ + 50 \\ \hline \end{array}$

tens	ones
3	4
5	0
<b>8</b>	<b>4</b>

First add the ones

$$4 + 0 = 4$$

Second add the tens

$$3 + 5 = 8$$

$$34 + 50 = 84$$



### Second way

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Start at 34 and move down 5 rows because each row is 10. You will reach the number 84.



$$34 + 50 = 84$$



Use hundred chart to add:

$$45 + 30 =$$

$$70 + 10 =$$

$$20 + 13 =$$

Add using place value as the example:



Tens	Ones
8	0
+ 1	0

Tens	Ones
4	7
+ 4	0

Tens	Ones
7	5
+ 2	0



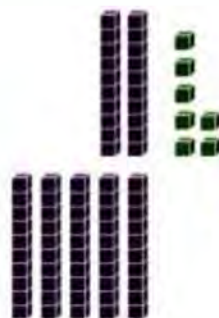


Complete.



+

tens	ones



+

tens	ones



Add.

$$35 + 20$$

$$\begin{array}{r} 35 \\ + 20 \\ \hline 55 \end{array}$$

$$35 + 20 = 55$$

$$29 + 10$$

$$\begin{array}{r} 29 \\ + 10 \\ \hline \end{array}$$

$$29 + 10 =$$

$$16 + 50$$

$$\begin{array}{r} \phantom{00} \\ + \phantom{00} \\ \hline \end{array}$$

$$\phantom{00} + \phantom{00} =$$

$$31 + 40$$

$$\begin{array}{r} \phantom{00} \\ + \phantom{00} \\ \hline \end{array}$$

$$\phantom{00} + \phantom{00} =$$

$$25 + 70$$

$$\begin{array}{r} \phantom{00} \\ + \phantom{00} \\ \hline \end{array}$$

$$\phantom{00} + \phantom{00} =$$

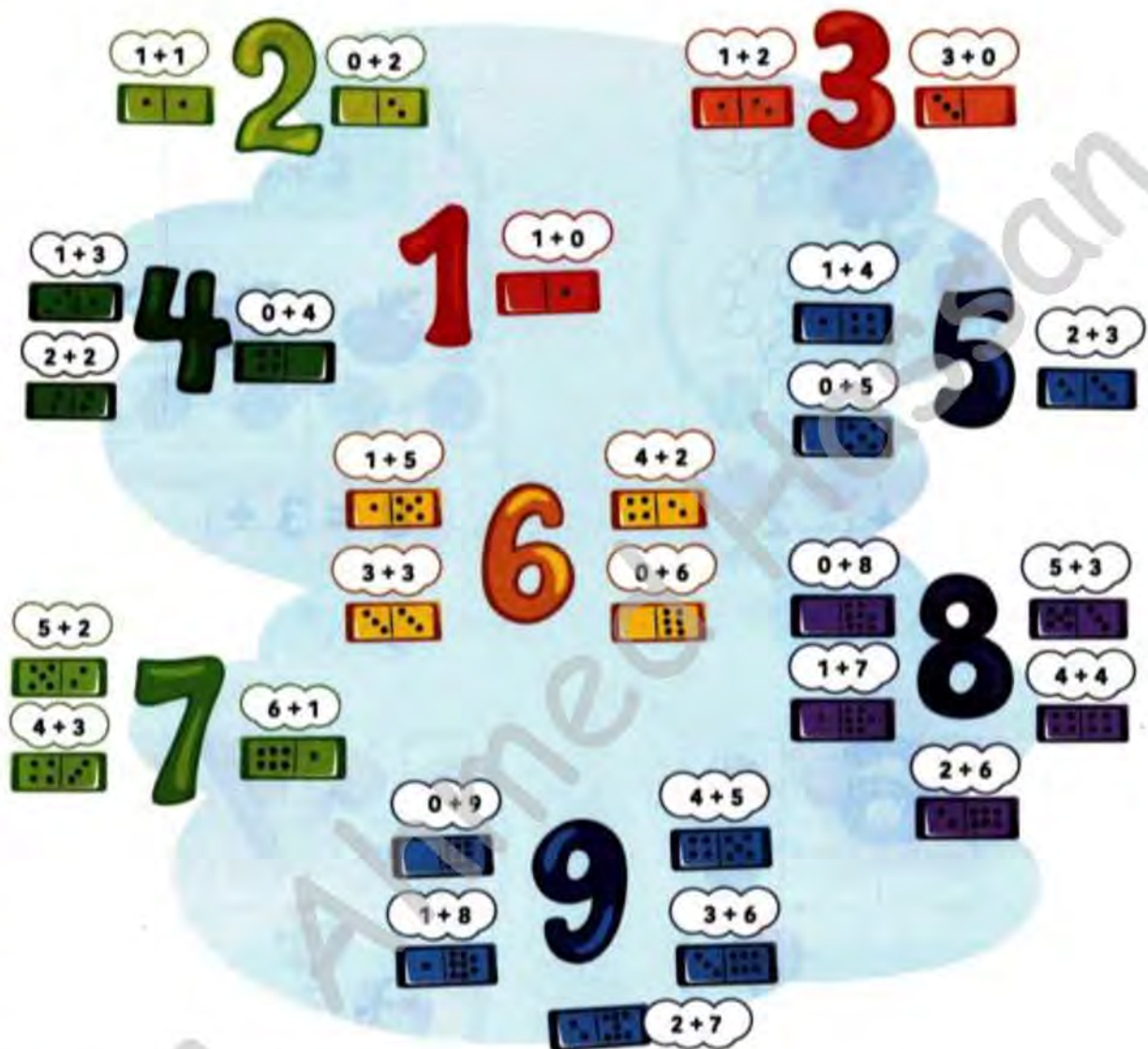
$$57 + 20$$

$$\begin{array}{r} \phantom{00} \\ + \phantom{00} \\ \hline \end{array}$$

$$\phantom{00} + \phantom{00} =$$



# Decomposing a number within 10 into two parts



Draw dots to make the shown number, then complete:



$$3 + 5 = 8$$



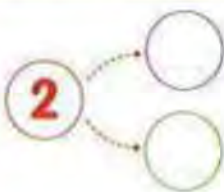

$$5 + 1 = 6$$



$$8 + 1 = 9$$



**Decompose the number 2:**


$$\underline{\quad} + \underline{\quad} = 2$$

$$\underline{\quad} + \underline{\quad} = 2$$

**Decompose the number 3:**


$$\underline{\quad} + \underline{\quad} = 3$$

$$\underline{\quad} + \underline{\quad} = 3$$




**Decompose the number 4:**


$$\underline{\quad} + \underline{\quad} = 4$$

$$\underline{\quad} + \underline{\quad} = 4$$

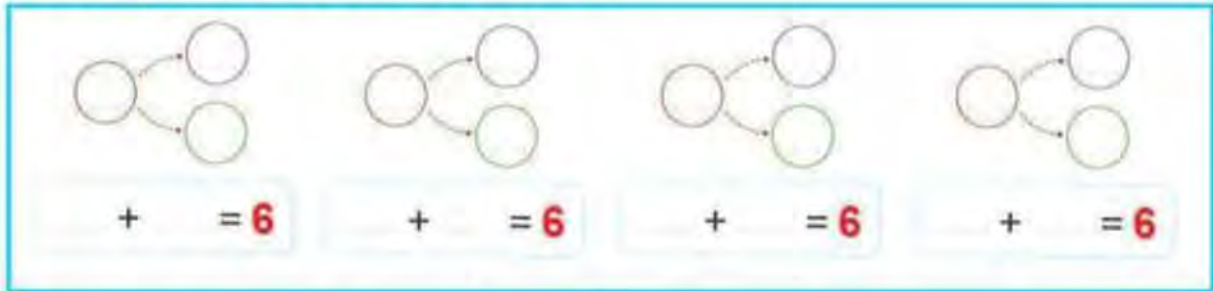
$$\underline{\quad} + \underline{\quad} = 4$$

**Decompose the number 5:**


$$\underline{\quad} + \underline{\quad} = 5$$

$$\underline{\quad} + \underline{\quad} = 5$$

$$\underline{\quad} + \underline{\quad} = 5$$



## Decompose the number 6:



$\square + \square = 6$ 
 $\square + \square = 6$ 
 $\square + \square = 6$ 
 $\square + \square = 6$

## Decompose the number 7:



$\square + \square = 7$ 
 $\square + \square = 7$ 
 $\square + \square = 7$ 
 $\square + \square = 7$

## Decompose the number 8:



$\square + \square = 8$ 
 $\square + \square = 8$ 
 $\square + \square = 8$ 
 $\square + \square = 8$ 
 $8 + 0 = \square$ 
 $\square + \square = 8$ 
 $7 + \square = 8$ 
 $\square + 2 = 8$



## Decompose the number 9:

$\square + \square = 9$     $\square + \square = 9$

$\square + \square = 9$     $\square + \square = 9$

$\square + \square = 9$     $\square + \square = 9$

$\square + \square = 9$     $\square + \square = 9$

## Decompose the number 10:

$1+$     $2+$     $3+$

$9+$     $4+$

$8+$     $5+$

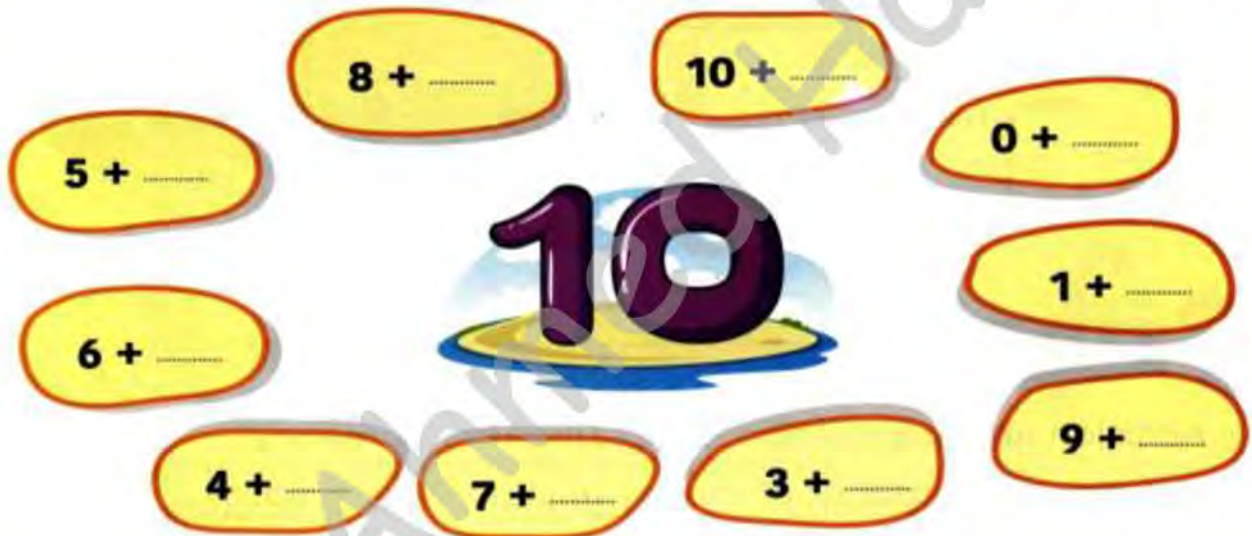
$7+$     $6+$



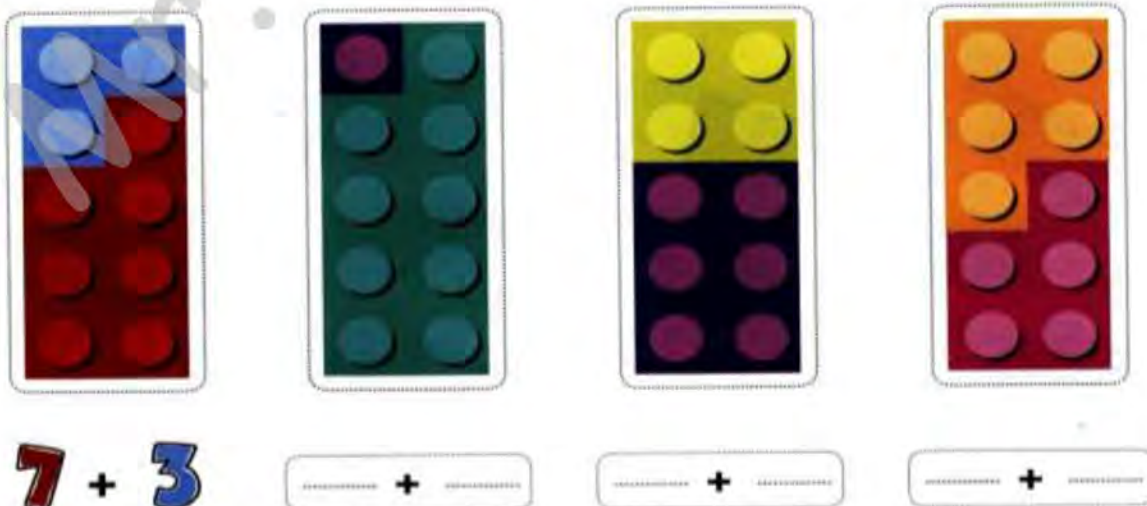
Observe the components of the number 10:



Complete to compose 10 as the example:



• Complete the number sentence to compose 10 as the example:





• Write the missing number to get 10:



6 Complete with the suitable number:

$$7 = 5 + \dots\dots\dots$$

$$6 = 6 + \dots\dots\dots$$

$$9 = 3 + \dots\dots\dots$$

$$8 = 2 + \dots\dots\dots$$

$$5 = 2 + \dots\dots\dots$$

$$9 = \dots\dots\dots + 2$$

$$10 = \dots\dots\dots + 6$$

$$10 = 8 + \dots\dots\dots$$

$$9 = 1 + \dots\dots\dots$$

$$4 = \dots\dots\dots + 3$$

$$2 = \dots\dots\dots + 1$$

$$10 = \dots\dots\dots + 5$$

$$3 = \dots\dots\dots + 2$$

$$6 = \dots\dots\dots + 3$$

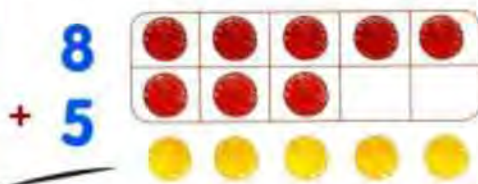


# Make a 10 to add

## Make a 10 to add

Find the sum of  $8 + 5$

Show **8**.  
Then show **5**.



Make a ten.

**8** is close to **10**

Move **2** counters into the ten frame.



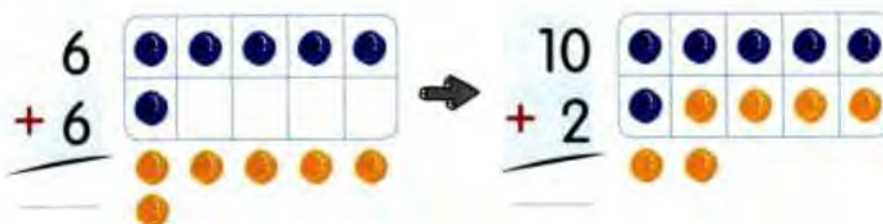
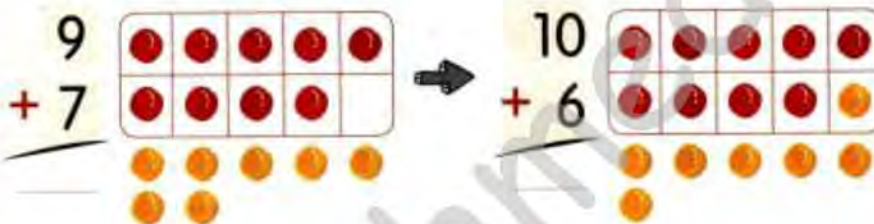
$$8 + 5$$

=

$$10 + 3$$



## Make a ten to add.







Draw and to show the number sentence. Add.



$$6 + 5 = \underline{\quad}$$

$$10 + \underline{\quad} = \underline{\quad}$$



$$9 + 3 = \underline{\quad}$$

$$10 + \underline{\quad} = \underline{\quad}$$



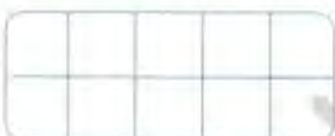
$$8 + 6 = \underline{\quad}$$

$$10 + \underline{\quad} = \underline{\quad}$$



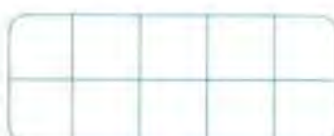
$$5 + 7 = \underline{\quad}$$

$$10 + \underline{\quad} = \underline{\quad}$$



$$4 + 9 = \underline{\quad}$$

$$10 + \underline{\quad} = \underline{\quad}$$



$$8 + 7 = \underline{\quad}$$

$$10 + \underline{\quad} = \underline{\quad}$$

**Hint for parents :**

Your child may make a ten to add problems as  $(8 + 5)$  by two ways :

$$\begin{array}{r} 8 \\ + 5 \\ \hline \end{array} \rightarrow \begin{array}{r} \overset{10}{\cancel{8}} \\ + \overset{3}{\cancel{5}} \\ \hline 10 \\ + 3 \\ \hline 13 \end{array}$$

Or

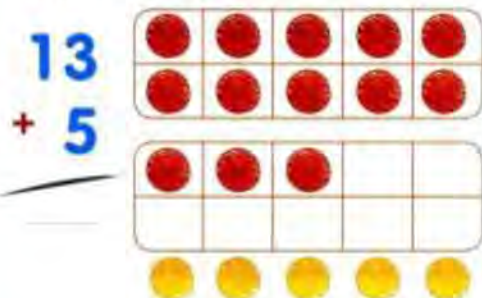
$$\begin{array}{r} 8 \\ + 5 \\ \hline \end{array} \rightarrow \begin{array}{r} \overset{3}{\cancel{8}} \\ + \overset{10}{\cancel{5}} \\ \hline 3 \\ + 10 \\ \hline 13 \end{array}$$



## Make a ten to add

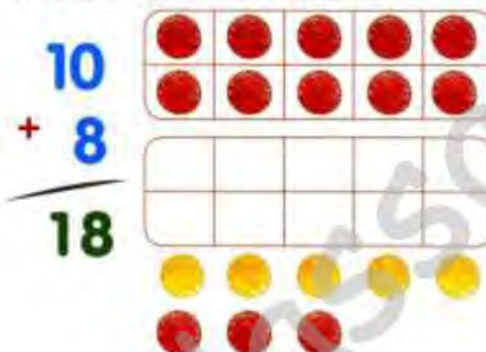
Find the sum of  $13 + 5$

Show **13**.  
Then show **5**.



Make a ten.

Move **3** counters from the second ten frame.



$$13 + 5$$

=

$$10 + 8$$



Make a ten to add.

$$\begin{array}{r} 15 \\ + 4 \\ \hline \end{array}$$

19

$$\begin{array}{r} 10 \\ + 9 \\ \hline \end{array}$$

19

$$\begin{array}{r} 16 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 14 \\ \hline \end{array}$$



Complete.



$$\overset{10}{\cancel{12}} + \overset{6}{\cancel{4}} = 16$$

$$\cancel{17} + \cancel{2} =$$

$$\cancel{14} + \cancel{5} =$$

$$\cancel{13} + \cancel{2} =$$

$$\cancel{11} + \cancel{7} =$$

$$\cancel{15} + \cancel{3} =$$

$$\cancel{6} + \cancel{13} =$$



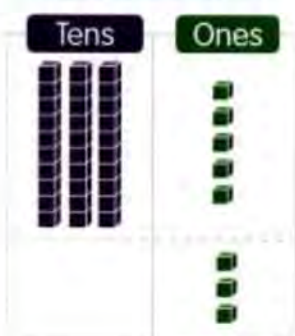
# Adding 2 two-digit numbers

## Adding a one-digit number to a two-digit number

Add.  $\begin{array}{r} 35 \\ + 3 \end{array}$

Step 1

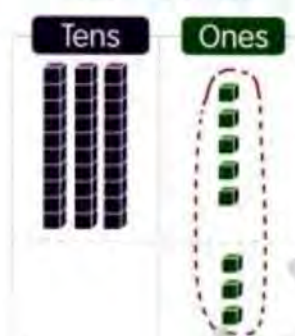
Show 35. Show 3.



tens	ones
3	5
+	3

Step 2

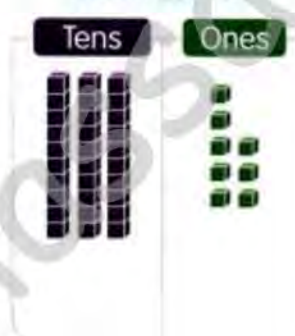
Add the ones.



tens	ones
3	5
+	3
	8

Step 3

Add the tens.



tens	ones
3	5
+	3
3	8



Add each of the following.

tens	ones
7	2
+	5

tens	ones
4	3
+	6

tens	ones
5	3
+	4

tens	ones
3	2
+	7



## Adding 2 two-digit numbers

How to add 21 + 35 ?

Second

Add the tens

$$\begin{array}{r} 2 + 3 = 5 \\ \text{tens} \end{array}$$

tens ones

2 1

+ 3 5

5 6

First

Add the ones

$$\begin{array}{r} 1 + 5 = 6 \\ \text{ones} \end{array}$$



Add.

$$46 + 31$$

$$\begin{array}{r} 46 \\ + 31 \\ \hline 77 \end{array}$$

$$25 + 42$$

$$\begin{array}{r} + \\ \hline \end{array}$$

$$15 + 43$$

$$\begin{array}{r} + \\ \hline \end{array}$$

$$22 + 66$$

$$\begin{array}{r} + \\ \hline \end{array}$$



Add.



$$\begin{array}{r} 25 \\ + 13 \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ + 42 \\ \hline \end{array}$$

$$\begin{array}{r} 66 \\ + 21 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ + 13 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ + 32 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ + 45 \\ \hline \end{array}$$

$$\begin{array}{r} 85 \\ + 14 \\ \hline \end{array}$$

$$\begin{array}{r} 94 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ + 13 \\ \hline \end{array}$$

$$\begin{array}{r} 73 \\ + 24 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ + 23 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ + 41 \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ + 11 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ + 82 \\ \hline \end{array}$$

$$\begin{array}{r} 61 \\ + 15 \\ \hline \end{array}$$



# Subtracting 2 two-digit numbers

## Subtracting 2 two-digit numbers

✧ How to subtract **57 - 32** ?



**Second**  
Subtract the tens  
 $5 - 3 = 2$  tens

$$\begin{array}{r} \text{tens} \quad \text{ones} \\ 57 \\ - 32 \\ \hline 25 \end{array}$$

**First**  
Subtract the ones  
 $7 - 2 = 5$  ones



**Subtract.**

$63 - 21$

63
- 21
42

$85 - 51$

-

$74 - 33$

-

$65 - 43$

-

$59 - 46$

-

$36 - 15$

-



Subtract.

$$\begin{array}{r} 87 \\ -44 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 94 \\ -51 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ -14 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 66 \\ -33 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ -21 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ -11 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ -15 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ -15 \\ \hline \\ \hline \end{array}$$

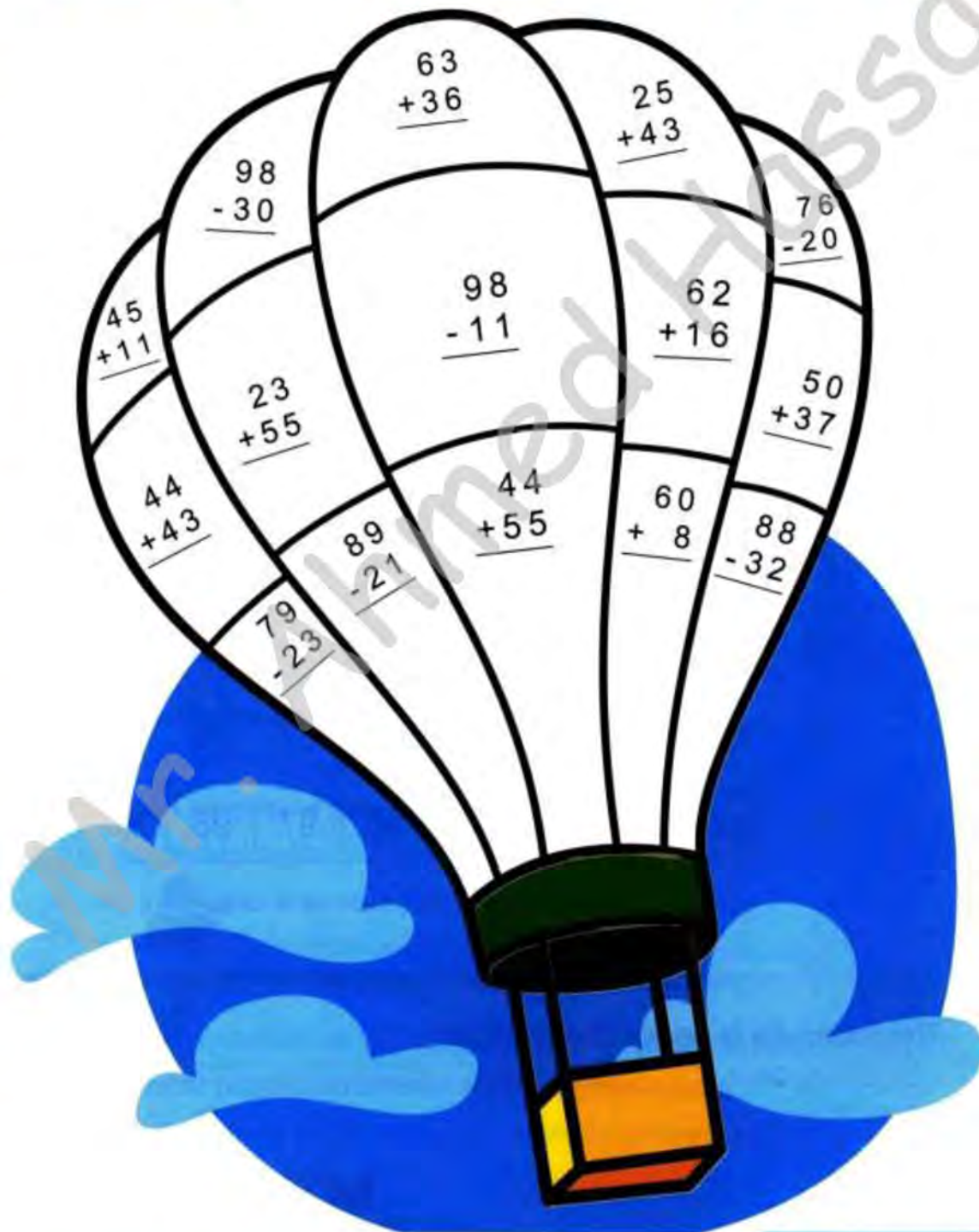
$$\begin{array}{r} 38 \\ -23 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 79 \\ -58 \\ \hline \\ \hline \end{array}$$





# Art corner

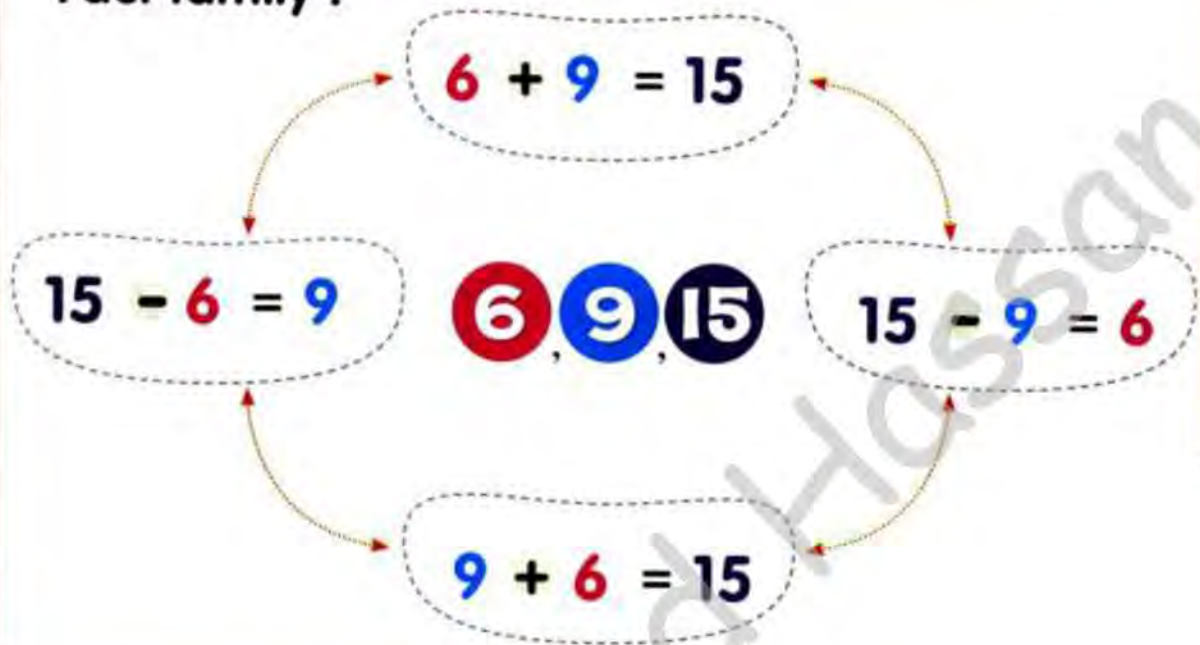




# Fact Family

## Relation between addition and subtraction

Fact family :



Find the missing numbers.

$$7 - 4 = \bigcirc$$

$$7 - \bigcirc = 4$$

$$\bigcirc + 4 = 7$$

$$4 + \bigcirc = 7$$



$$14 - 7 = \bigcirc$$

$$14 - \bigcirc = 7$$

$$\bigcirc + 7 = 14$$

$$7 + \bigcirc = 14$$



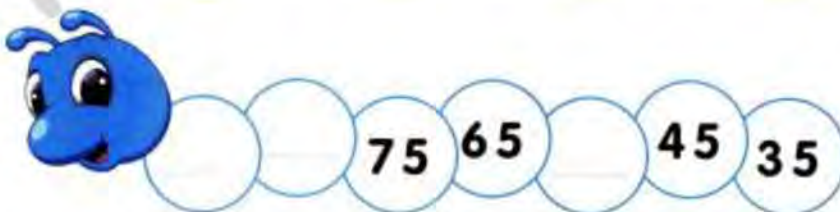
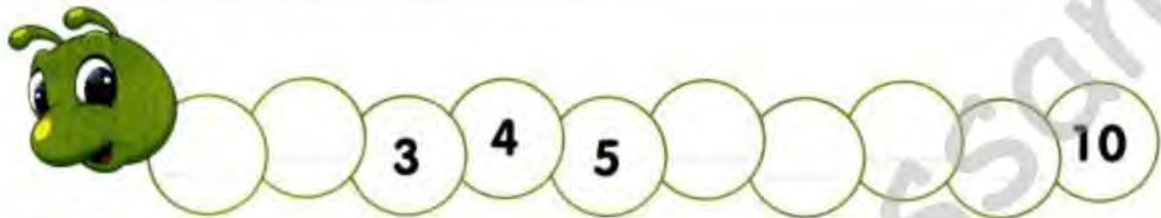


# Number Sequences

## Number sequences



Find the missing numbers in each of the following number sequences.





# Two-dimensional shapes (2D shapes)



**Square has:**

- 4 corners
- 4 sides
- All sides are equal in length (the same size).



**Triangle has:**

- 3 corners
- 3 sides



**Circle has:**


- 1 curved line
- No corners





**Rectangle has:**

- 4 corners
- 4 sides
- Each two opposite sides are of the same size.

Look at the picture above, then circle the correct number:

★ Square  has ( 1 , 3 , 4 ) sides.

★ Triangle  has ( 1 , 3 , 4 ) corners.

★ Circle  has ( 0 , 3 , 4 ) corners.



## Match, what shape am I?

- I have 4 sides.
- All my sides are the same size.
- I have 4 corners.



- I have 4 sides.
- My opposite sides are the same size.
- I have 4 corners.



- I have 3 sides.
- My sides are straight.
- I have 3 corners.



- I have 1 curved line.
- I have no corners.





## Draw shapes

Connect dots to draw shapes.

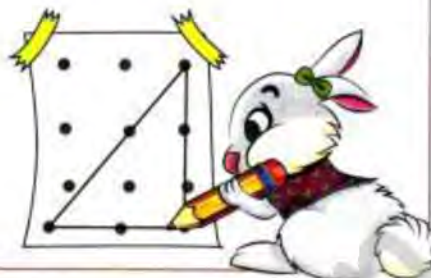
Square



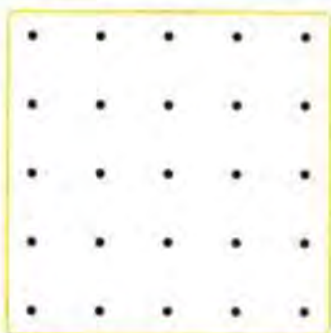
Rectangle



Triangle



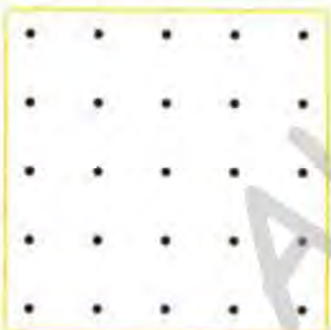
Draw a square.



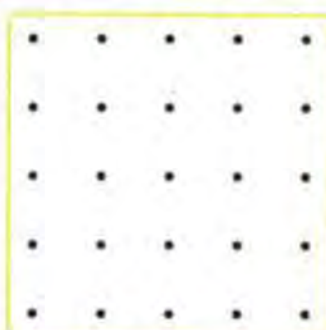
Draw a different square.



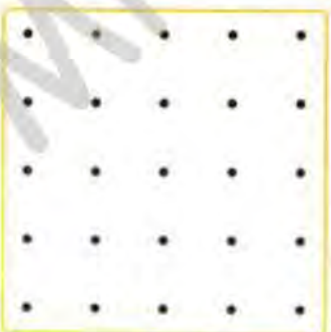
Draw a rectangle.



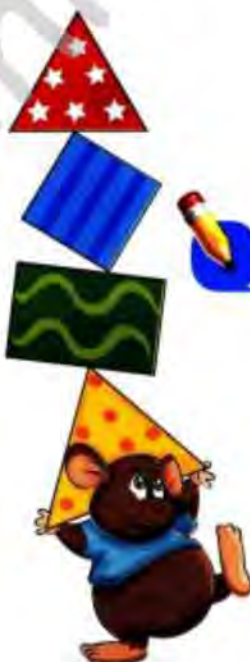
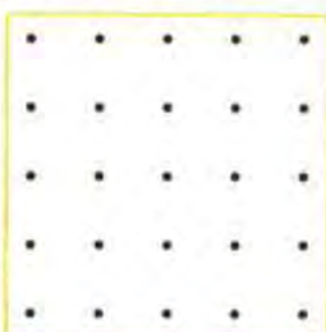
Draw a different rectangle.



Draw a triangle.



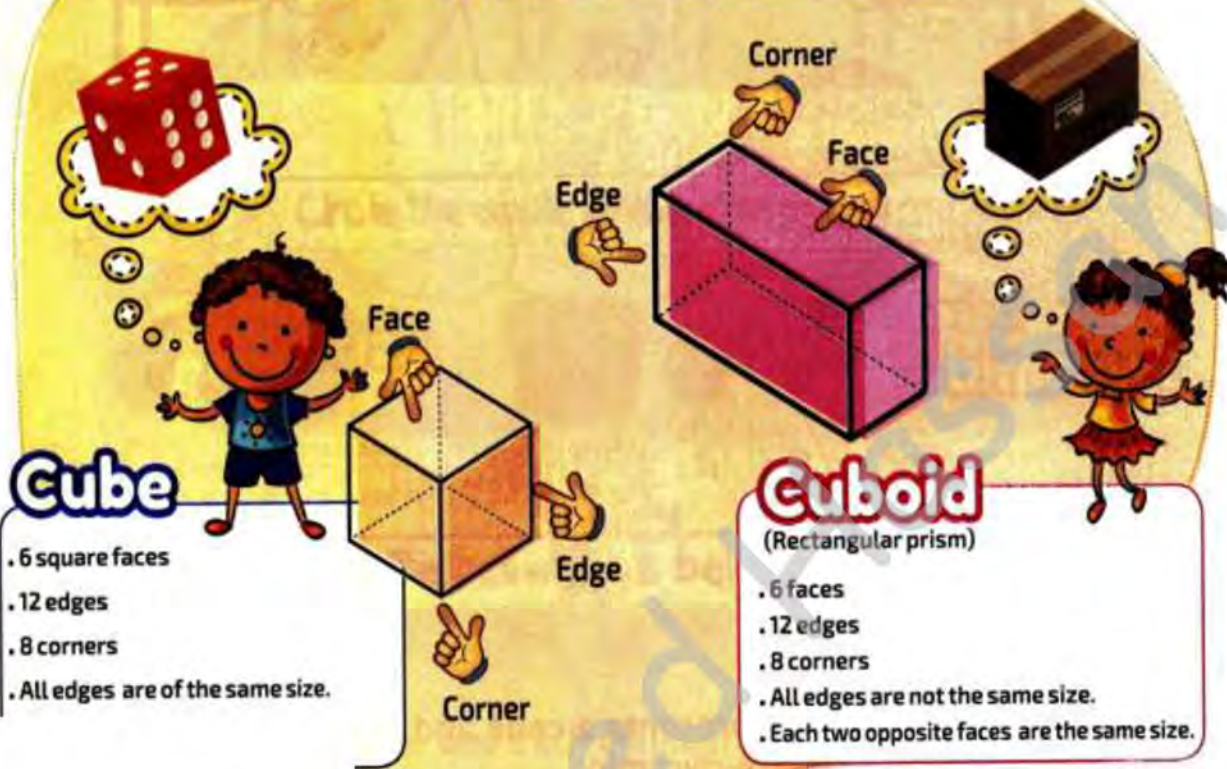
Draw a different triangle.





# Three-dimensional shapes (3D shapes)

Look at the attributes of some (3D-shapes)



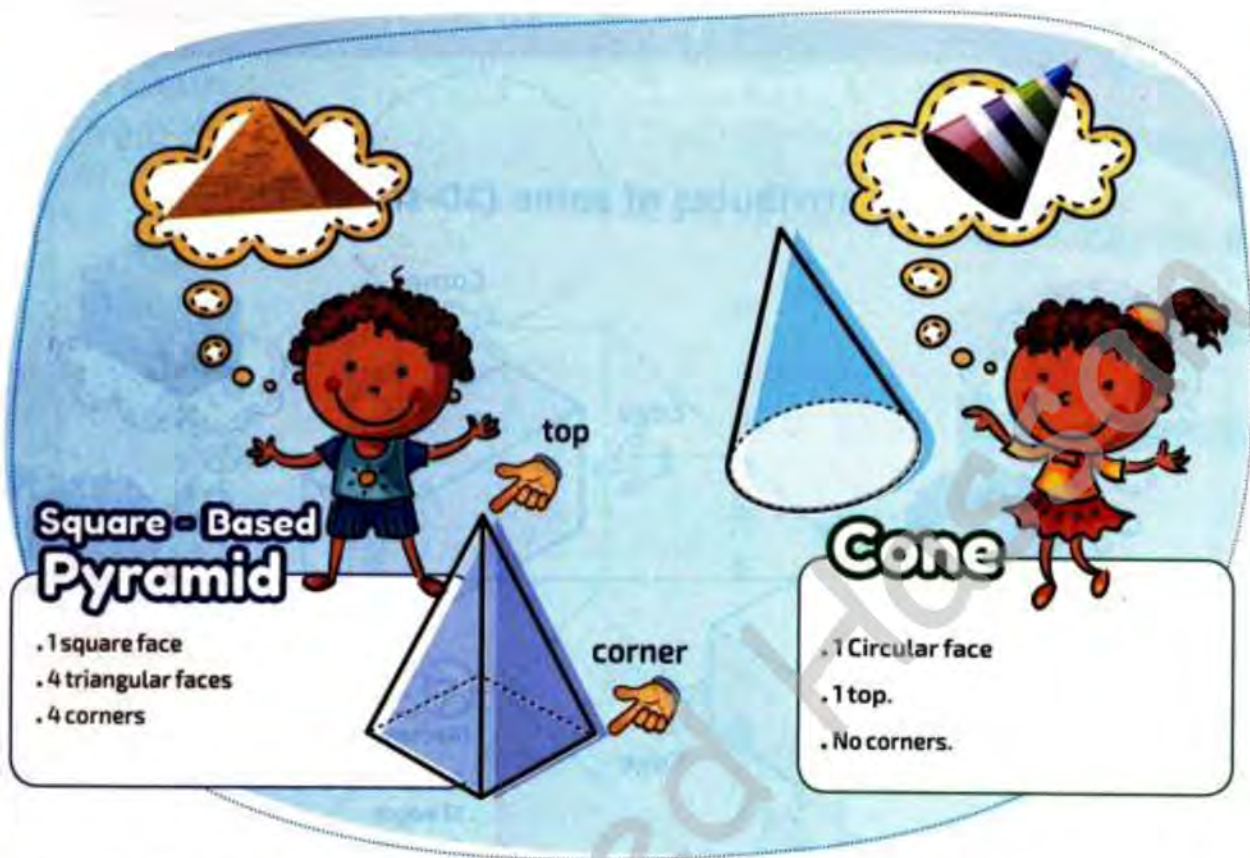
## Activity 1

Circle each object which represents a cuboid and underline each object which represents a cube:





Look at the attributes of some (3D-shapes):

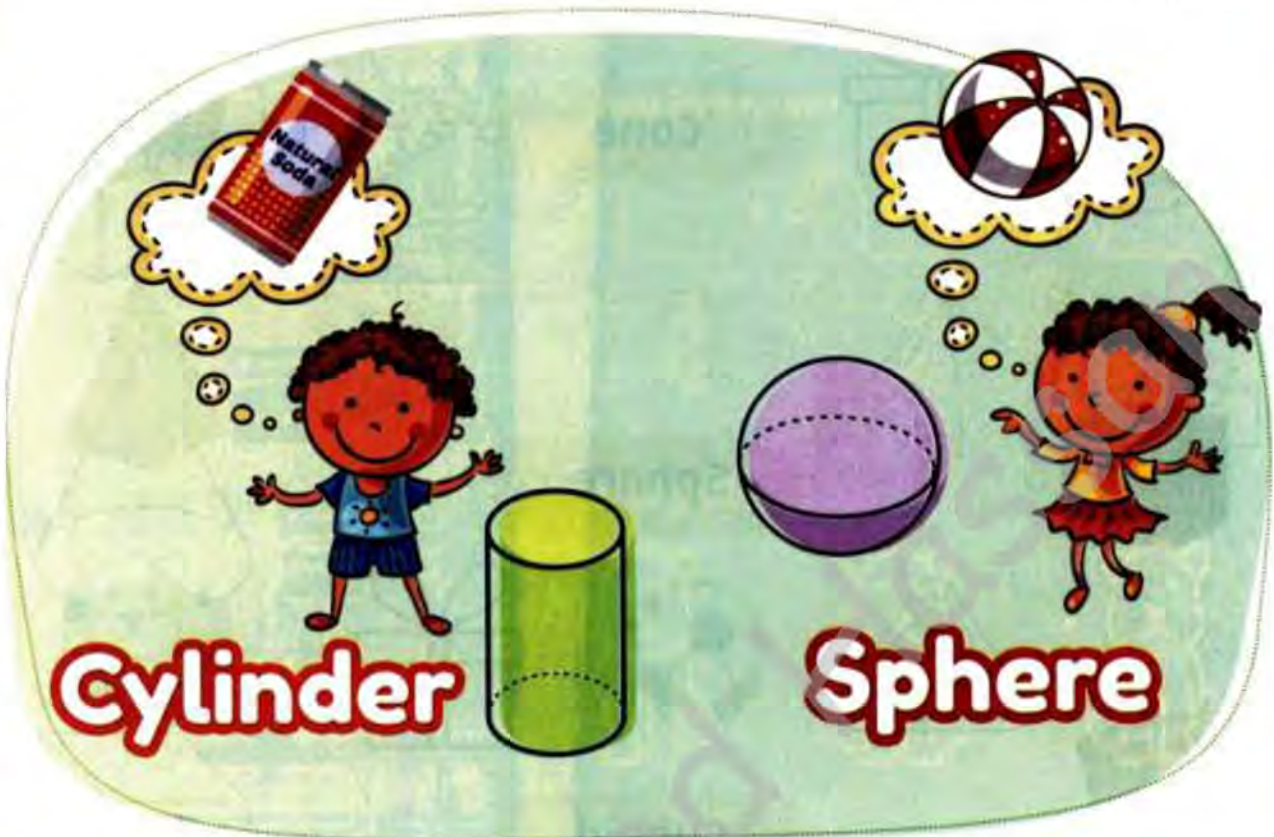


- Circle the object which represents a cone and tick (✓) the object which represents a square-pyramid:

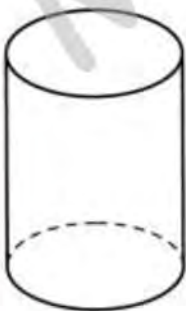
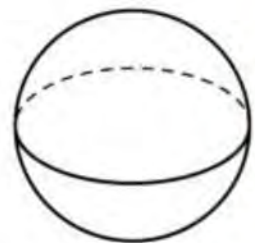




Look at the attributes of some (3D-shapes):

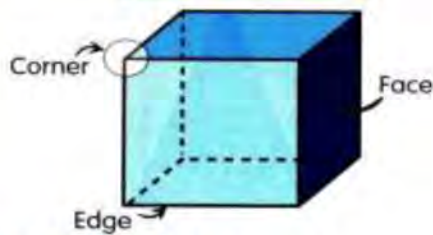


- Color each sphere in blue and each cylinder in brown:





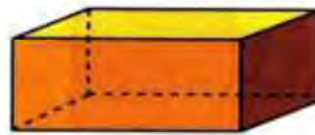
## Cube



The cube has :

- 8 corners.
- 12 edges.
- 6 flat faces.
  - Each face is a square.
  - All faces have the same size.

## Rectangular prism (Cuboid)



The rectangular prism has :

- 8 corners.
- 12 edges.
- 6 flat faces.
  - Each face is a rectangle or a square.
  - Each two opposite faces have the same size.

## Square-based pyramid



The square-based pyramid has :

- 4 corners.
- a pointy top.
- 8 edges.
- 1 square flat face (base).
- 4 triangular flat faces.

## Cone



The cone has :

- No corners.
- a pointy top.
- No edges.
- 1 circular flat face (base).
- 1 curved face.

## Cylinder



The cylinder has :

- No corners.
- No edges.
- 2 circular flat faces (bases).
- 1 curved face.

## Sphere



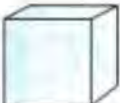
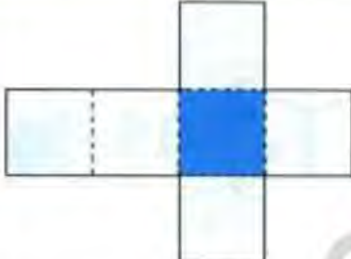
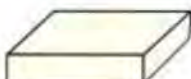






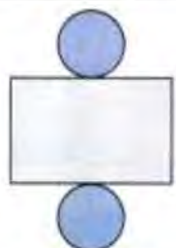
The sphere has :

- No corners.
- No edges.
- 1 curved face.



## Nets of solids

You can use cardboard and glue to make many solids, the following table shows solids and their nets :

Solid	Net of solid
<b>Cube</b> 	
<b>Rectangular prism (Cuboid)</b> 	
<b>Square-based pyramid</b> 	
<b>Cone</b> 	
<b>Cylinder</b> 	







Join each shape with its name.



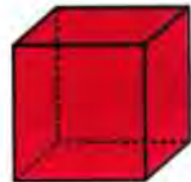
Cone



Sphere



Cuboid



Cylinder



Pyramid



Cube





# Fractions

## Remember



$$\frac{1}{4}$$

Quarter



$$\frac{1}{2}$$

Half



$$\frac{3}{4}$$

Three Quarters



$$\frac{4}{4} = 1$$

Four quarters or Whole one

## Notes



$$\frac{1}{4}$$

+



$$\frac{1}{4}$$

+



$$\frac{1}{4}$$



$$\frac{3}{4}$$



$$\frac{1}{4}$$

+



$$\frac{1}{4}$$

+



$$\frac{1}{4}$$

+



$$\frac{1}{4}$$



$$\frac{4}{4}$$

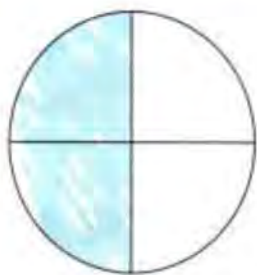


1





Join according to the colored part.



quarter



half



three quarters



Answer the following questions.

How many quarters are in a whole one ?

\_\_\_\_\_

How many halves are in a whole one ?

\_\_\_\_\_

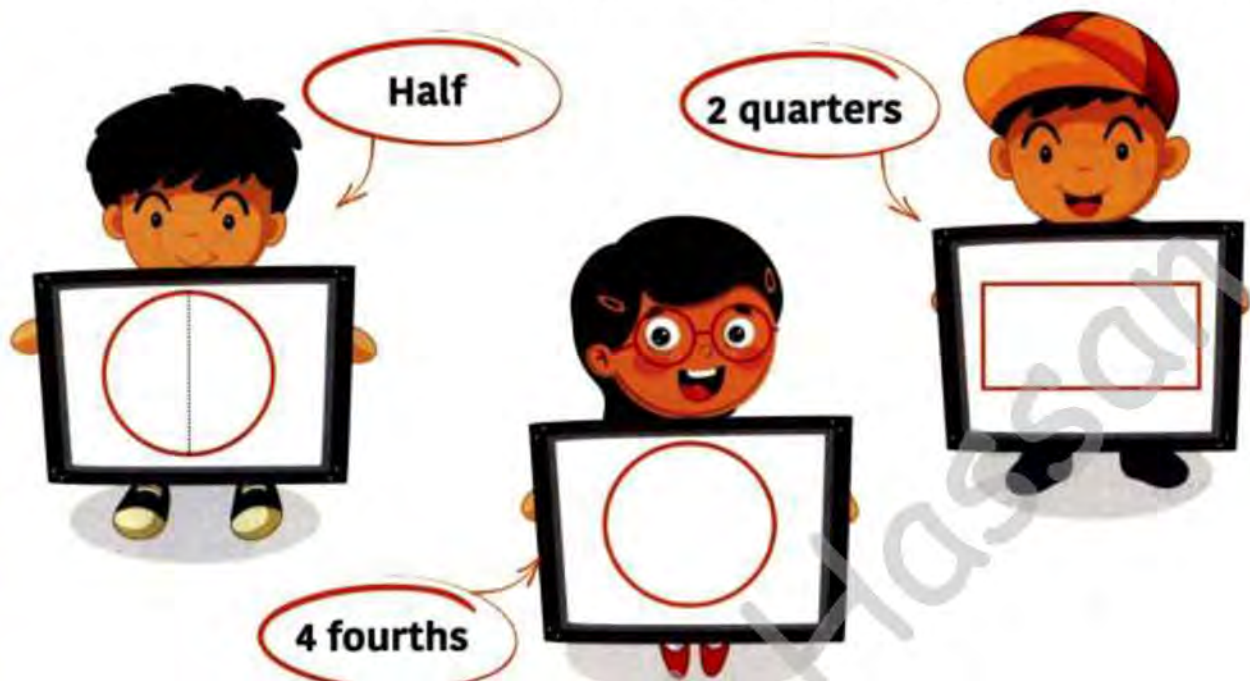
How many quarters are in a half ?

\_\_\_\_\_





Divide each shape according to the word as the example:



## I learned



- Decomposing the shapes like a circle and a rectangle in equal parts in size.



One quarter



Half



One quarter



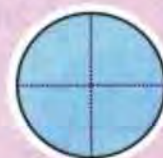
Half



Whole one



Three quarters



Whole one

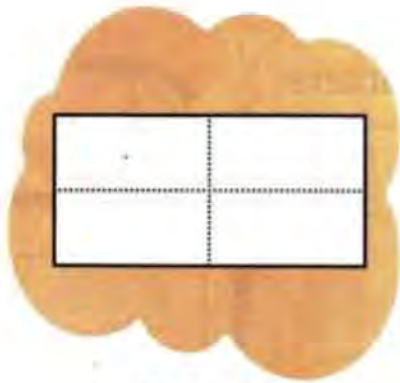


Three quarters

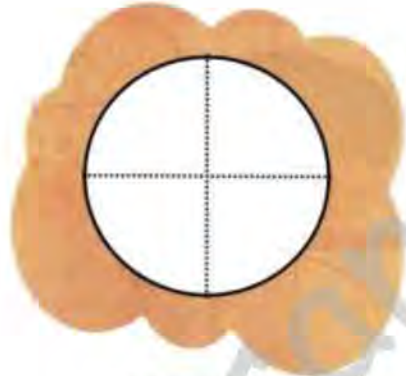
- One whole = 2 halves (one whole = 4 quarters)
- 1 quarter = 1 fourth
- 1 half = 2 quarters



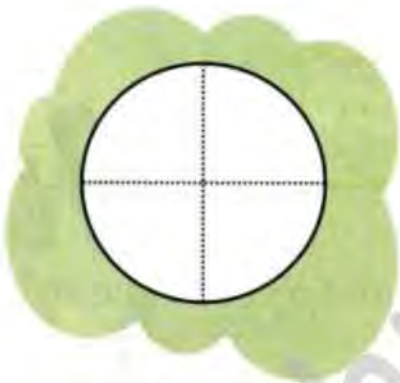
Color according to the words:



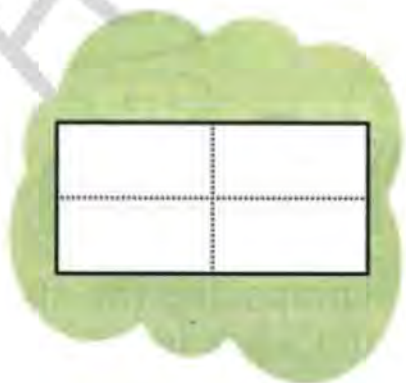
**2 halves**



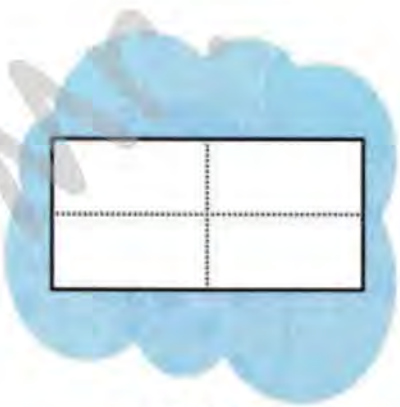
**1 quarter**



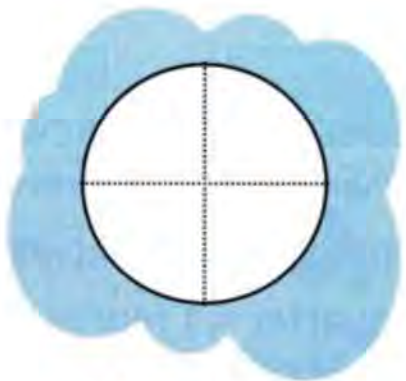
**3 fourths**



**Whole one**



**Half**



**2 fourths**



# Telling time



- When the minute hand points to **12**, we say **o'clock**.
- The hour hand is pointing to **8**, it is **8 o'clock**.
- Every hour, the minute hand moves at a medium speed around the clock from 12 until it points to 12 again.
- The day is **24 hours**.
- If it is in the morning, we say that **8 A.M.**
- If it is in the afternoon, we say that **8 P.M.**





# Oscar

In  
**Mathematics**  
For Primary One  
(Workbook)

Prepared by  
**Mr / Ahmed Hassan**  
**01276911661**







# Revision

Complete the numbers from 1 to 100:

1		3				7			
	12			15			18		
			24		26			29	
31		33							40
	42			45			48		
			54		56			59	
61		63							70
	72			75			78		
			84		86		88		
91		93							100



Read and trace:

Saturday	Saturday	
Sunday	Sunday	
Monday	Monday	
Tuesday	Tuesday	
Wednesday	Wednesday	
Thursday	Thursday	
Friday	Friday	
Saturday		
Sunday		
Monday		
Tuesday		
Wednesday		
Thursday		
Friday		



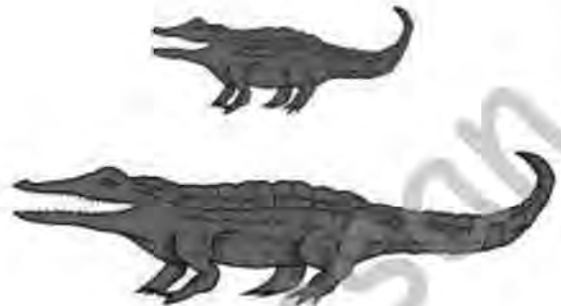
# The Length

Look at the pictures in the boxes. Answer the question by circling the correct picture.

Which is longer?



Which is shorter?



Which has shorter ears?



Which has longer legs?



Which has a longer tail?

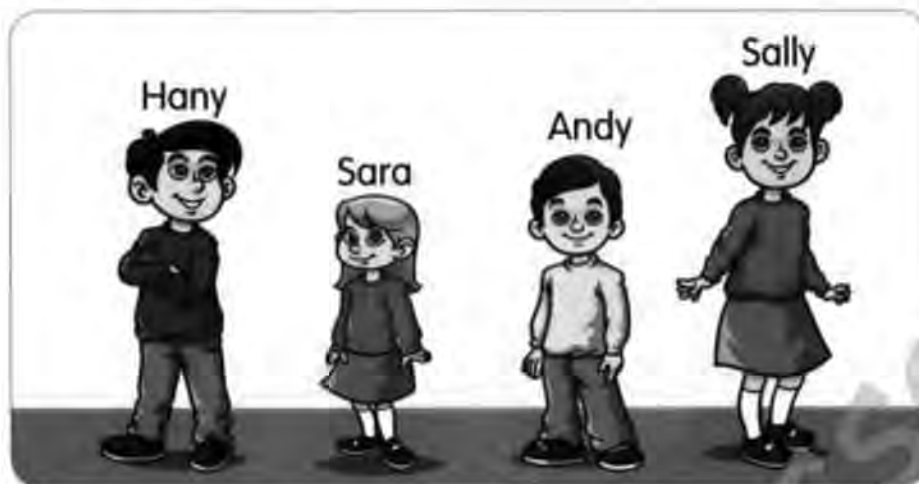


Which has a longer neck?





Who is ?



Who is the tallest ?

Who is the shortest ?

Who is taller than Sara and shorter than Hany ?

Arrange from the shortest to the longest.

D



Arrange from the longest to the shortest.



E



# Long vs Short

Sheet 1

1. Which is longer?



2. Which is shorter?



3. Which is shorter?



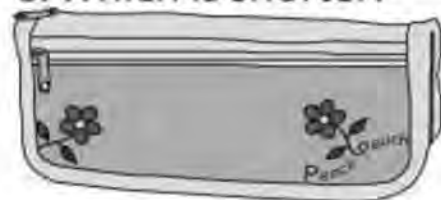
4. Which is longer?



5. Which is longer?



6. Which is shorter?





**Look and complete:**

**Train**



**Bus**



**Car**



- The car is shorter than the .....
- The train is longer than the ..... and the .....
- The bus is longer than the ..... but it is shorter than the .....

**Elephant**



**Goose**



**Sheep**



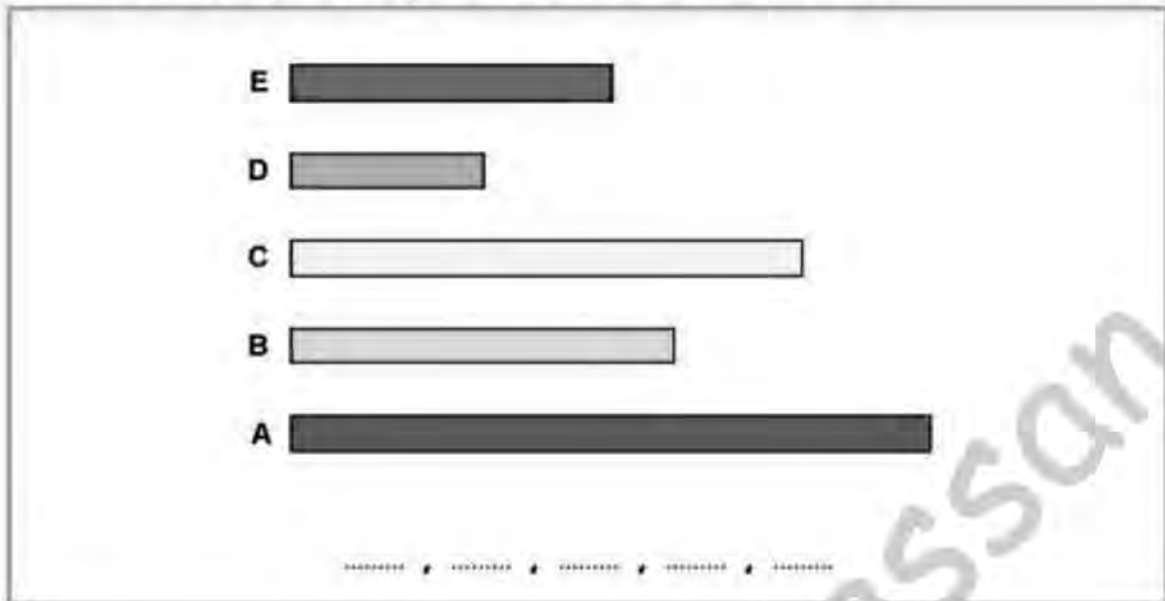
**Horse**














- The tallest animal is the .....
- The sheep is taller than the ..... , and shorter than the ..... , and the .....
- The order of the animals from the tallest to the shortest is:  
..... , and .....



## Order from the longest to the shortest



Use  as a length unit to measure the length of each item, then use  as a unit to measure the same items.


Pen	Ruler
	
	
	
The length = _____ or = _____ 	The length = _____  or = _____ 

### [3] Complete:

- (1) Hany is taller than .....
- (2) Ali is shorter than .....
- (3) The shortest one is .....
- (4) The tallest one is .....





 Arrange the children from the shortest to the tallest

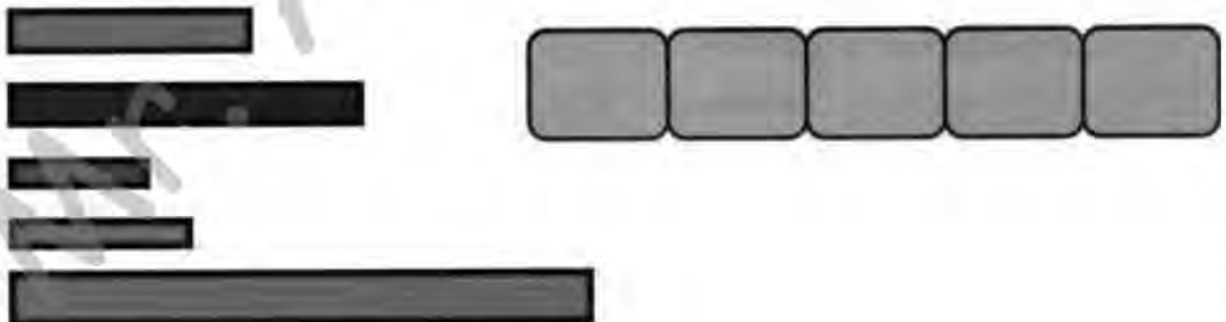


( ) ( ) ( ) ( ) ( ) ( )


Complete

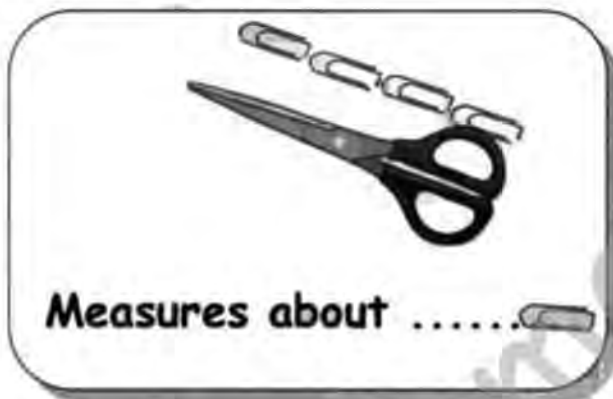
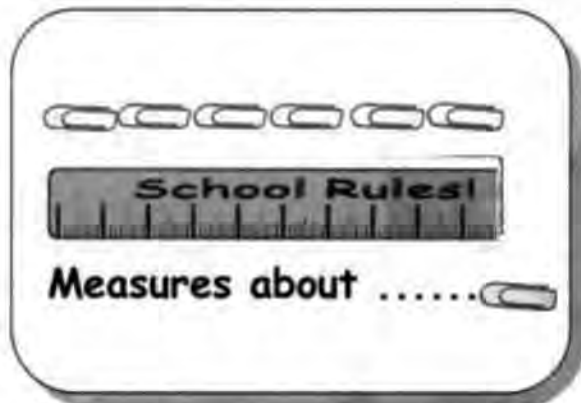
- 1) Sarah is taller than .....
- 2) Amir is shorter than .....
- 3) Salma is shorter than ..... and .....
- 4) Tia is taller than ..... and .....
- 5) The shortest child is .....
- 6) The tallest child is .....

 Order from the longest to the shortest





? Measure the length of the following objects by  
using  as unit





# Relative Positions

→ Color the object that is inside in red and the object that is outside in yellow:



→ Draw □ around the child on the right:



→ Color the animal on the left:





→ Color the animal behind the farmer in green:



→ Underline the correct answer:

- 1) The boy is (behind - in front of) the tree.
- 2) The girl is (behind - in front of) the tree.



→ Circle what is above the and draw a square around what is below the :



(up - down)



The boy is going up the stairs.

The boy is going down the stairs.



# 1 Complete with:

(on the right - on the left - in - out - above - below - in front of - behind - up - down)
















# Ordinal Numbers

Write each person's position in the queue.

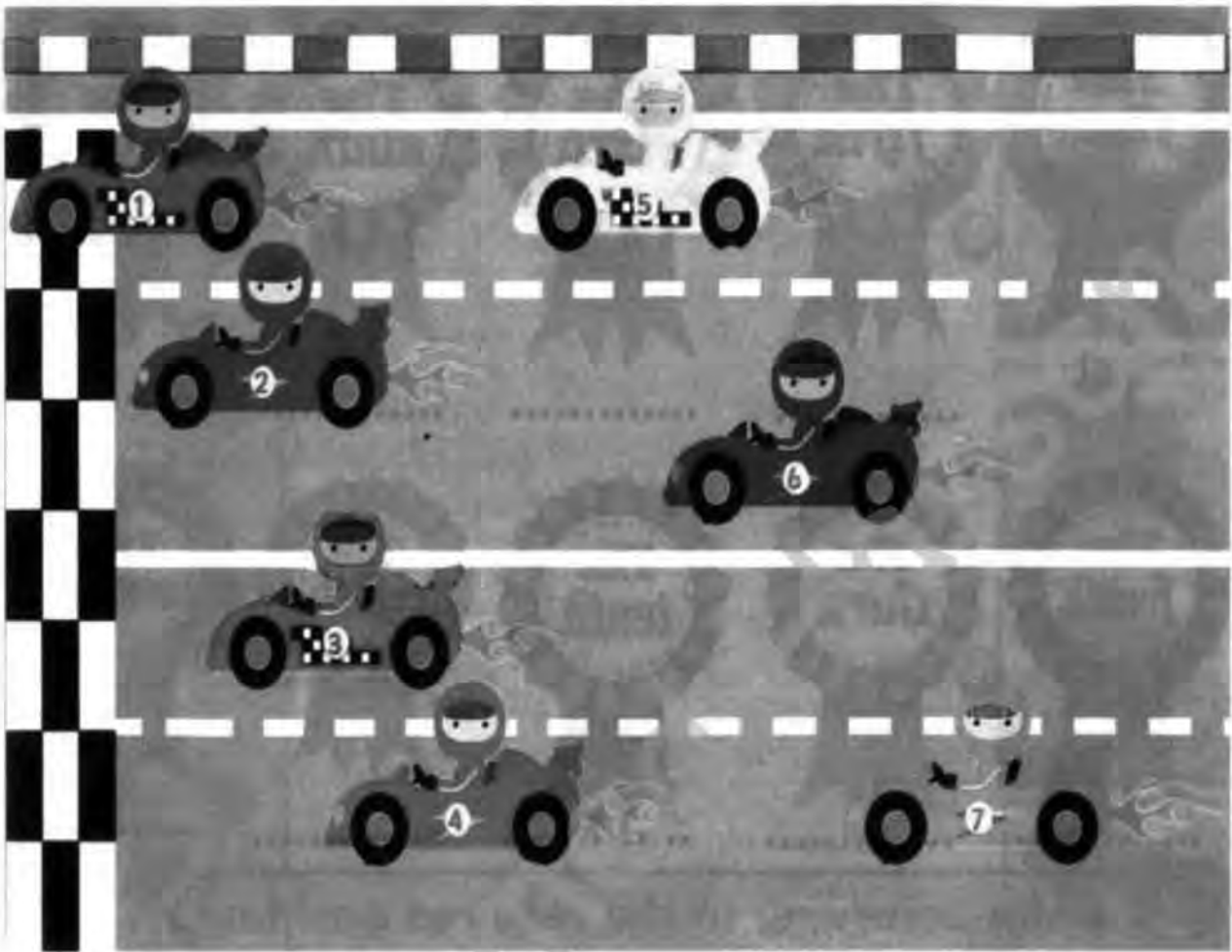


	
	
 1st 	
	
	



4

Look at the picture and complete:



6<sup>th</sup>



.....



.....



.....



.....




.....




.....




 **Underline the Forth**




 **Write the correct order and circle the Sixth.**




 **Circle the forth and underline the Eighth.**



 **Color the Seventh red and color the Second blue.**



 **Color the Ninth orange and the Third purple.**





# One More \* One Less

1 Complete:



2 Complete:



3 Complete as the example:





4

Complete:

One less	Number	One more
4	5	6
.....	7	.....
.....	12	.....
.....	15	.....
17	.....	.....
.....	.....	39
.....	20	.....
.....	.....	47

5

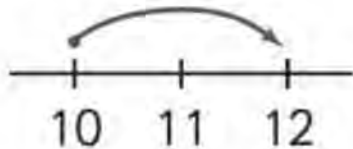
Complete:



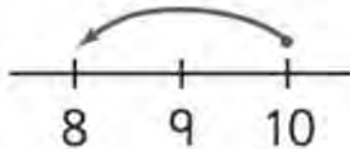


## Two more, two less

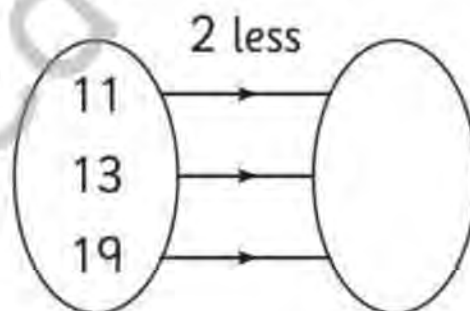
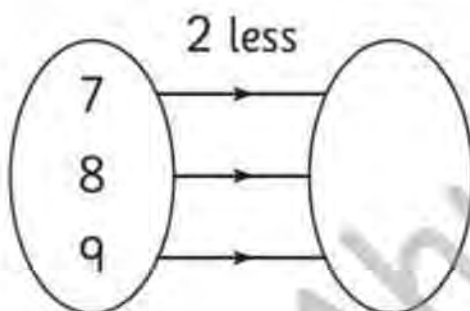
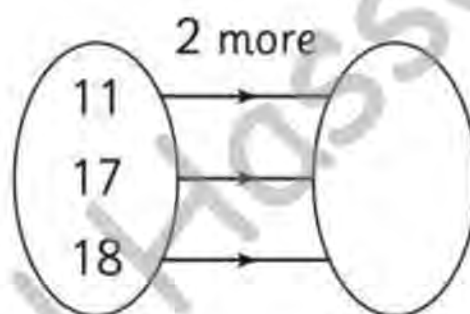
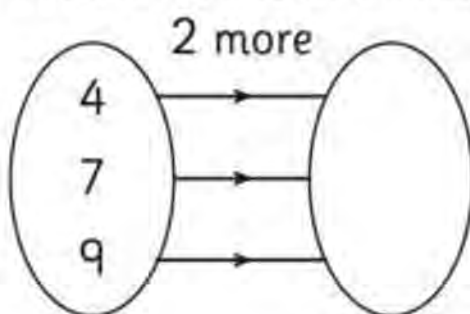
$$10 + 2 = 12$$



$$10 - 2 = 8$$



Write the numbers.



Nick has 8 sweets. Pete has 2 more.

How many does Pete have? \_\_\_\_\_

Maria has 9 stickers. Sonja has 2 less.

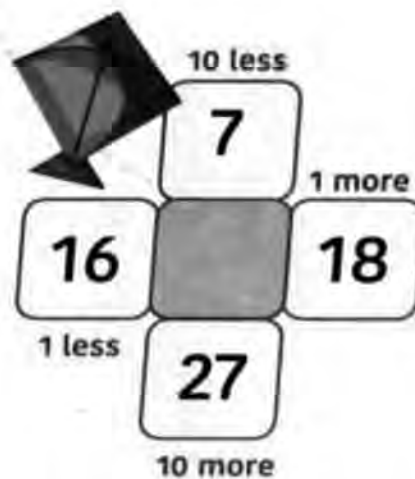
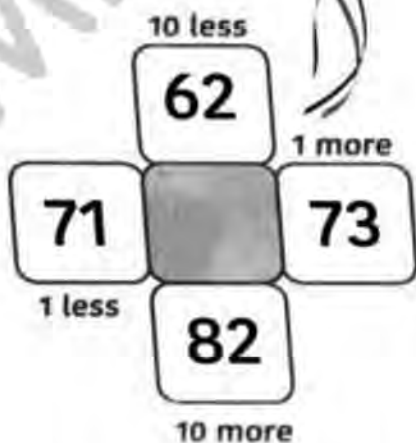
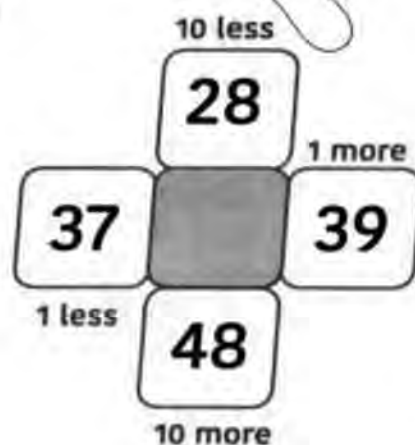
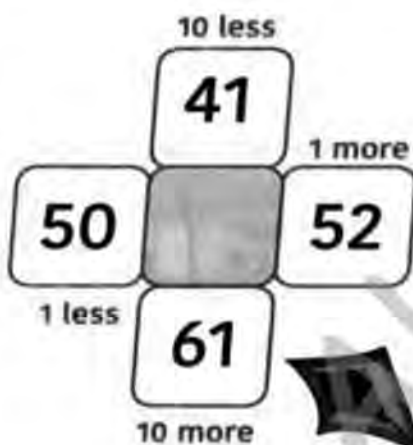
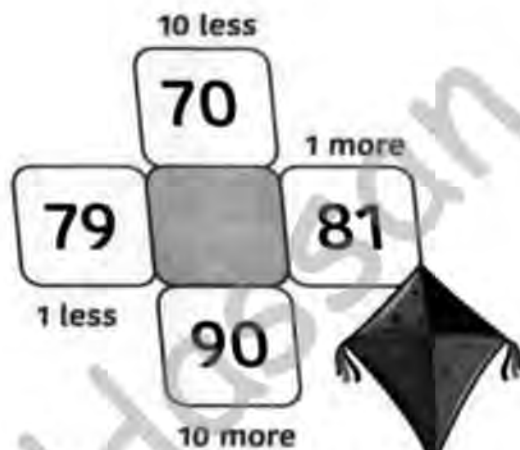
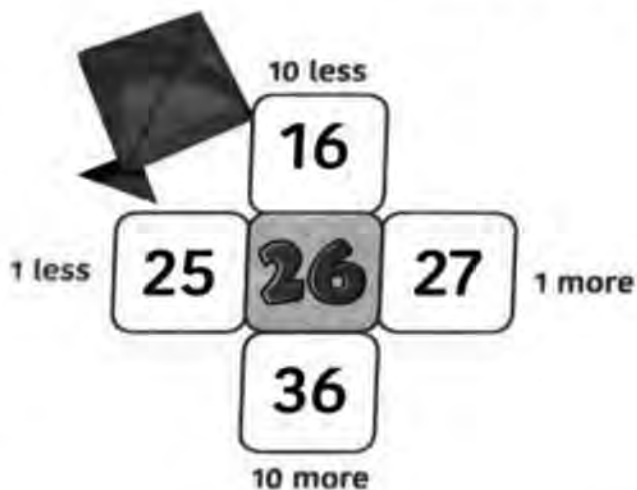
How many does Sonja have? \_\_\_\_\_





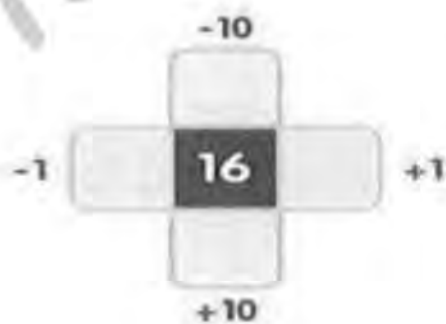
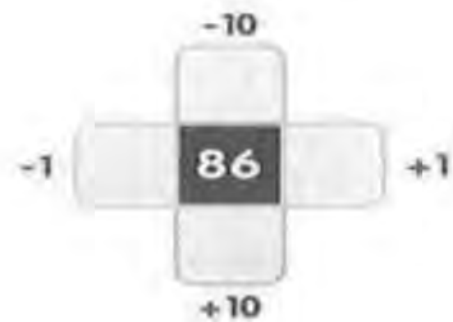
# Ten More \* Ten Less

- Complete with the middle number as the example:





(Write the numbers.)





Write the suitable numbers.



42  $\xrightarrow{\text{One more}}$

$\xleftarrow{\text{One less}}$  34

77  $\xrightarrow{\text{One more}}$

$\xleftarrow{\text{One less}}$  25



25  
 $\downarrow$  10 more

$\uparrow$  10 less  
72

18  
 $\downarrow$  10 more

$\uparrow$  10 less  
54



# Money

Write the amount of money:

a



L.E. ....

b



L.E. ....

c



L.E. ....

d



L.E. ....



Put the suitable sign ( $>$  ,  $<$  or  $=$ ):

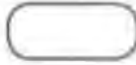
a



b



c



Match the object with its price:



20 pounds



10 pounds



1 pound



10 pounds



5 pounds





4

Circle the notes and coins to get the given price:





5

Match to the suitable price:

LE50



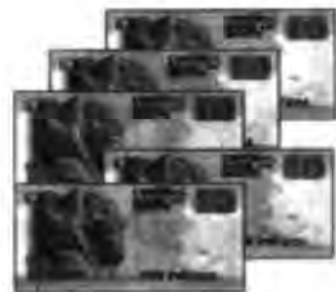
LE25



LE18



LE8





# Tens & Ones



Write the place value of the digit 5 in the following numbers.

53	52	65	51
tens	_____	_____	_____

35	5	54	75
_____	_____	_____	_____



Circle the value of the blue digits.

**73**

3 or 30

**57**

5 or 50

**38**

8 or 80

**86**

6 or 60

**78**

7 or 70

**19**

9 or 90

**83**

8 or 80

**17**

1 or 10

**62**

6 or 60

**98**

9 or 90

**45**

5 or 50

**37**

7 or 70



Complete as in the example.

➔ In 52 the digit 5 is in the **tens** place. Its value is **50**

➔ In 36 the digit 3 is in the  place. Its value is

➔ In 63 the digit 3 is in the  place. Its value is

➔ In 12 the digit 2 is in the  place. Its value is

➔ In 21 the digit 2 is in the  place. Its value is

Complete the following table.

The number	72	34	95	66	80
The value of the digit in the ones place	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
The value of the digit in the tens place	70	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>



Complete:

$5 \text{ tens} + 2 \text{ ones} = \square \square$

$7 \text{ tens} + 4 \text{ ones} = \square \square$

$8 \text{ tens} + 4 \text{ ones} = \square \square$

$1 \text{ tens} + 6 \text{ ones} = \square \square$

$2 \text{ tens} + 7 \text{ ones} = \square \square$

$9 \text{ tens} + 4 \text{ ones} = \square \square$

$8 \text{ ones} + 9 \text{ tens} = \square \square$

$8 \text{ ones} + 5 \text{ tens} = \square \square$

$2 \text{ ones} + 9 \text{ tens} = \square \square$

$4 \text{ ones} + 3 \text{ tens} = \square \square$

$6 \text{ ones} + 5 \text{ tens} = \square \square$

$6 \text{ ones} + 3 \text{ tens} = \square \square$

$\square \text{ tens} + \square \text{ ones} = 98$

$\square \text{ ones} + \square \text{ Tens} = 64$

$\square \text{ tens} + \square \text{ ones} = 54$

$\square \text{ ones} + \square \text{ Tens} = 40$

$\square \text{ tens} + \square \text{ ones} = 72$

$\square \text{ ones} + \square \text{ Tens} = 89$

$\square \text{ tens} + \square \text{ ones} = 87$

$\square \text{ ones} + \square \text{ Tens} = 37$

Complete :

$85 = \dots + \dots$

$\text{Fifty six} = \dots + \dots = \dots$

$16 = \dots + \dots$

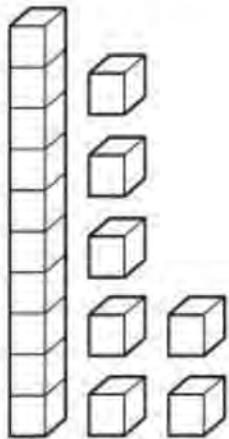
$\text{Twenty two} = \dots + \dots = \dots$

$37 = \dots + \dots$

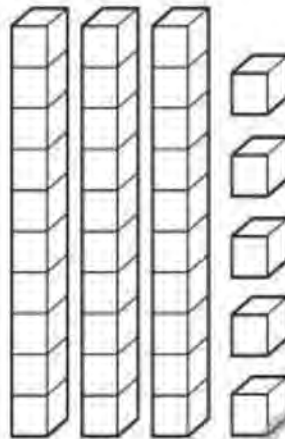
$\text{Forty eight} = \dots + \dots = \dots$



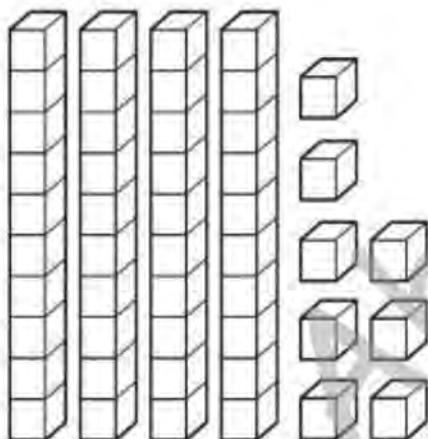
Count the tens. Count the ones.  
Write the number.



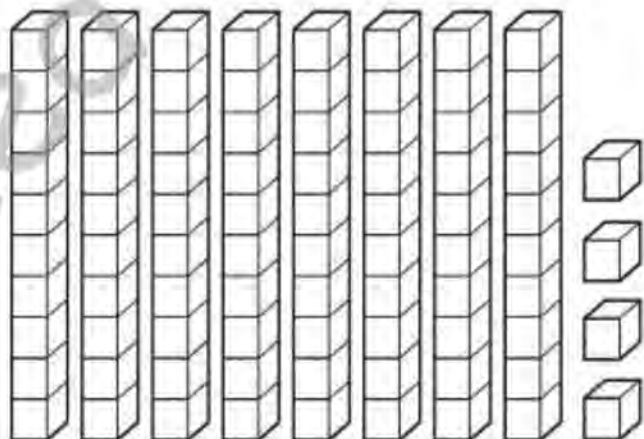
tens  ones



tens  ones



tens  ones



tens  ones

How many tens and ones?

$23 = \underline{\quad} \text{ tens} + \underline{\quad} \text{ ones}$      $39 = \underline{\quad} \text{ tens} + \underline{\quad} \text{ ones}$

$55 = \underline{\quad} \text{ tens} + \underline{\quad} \text{ ones}$      $60 = \underline{\quad} \text{ tens} + \underline{\quad} \text{ ones}$

$74 = \underline{\quad} \text{ tens} + \underline{\quad} \text{ ones}$      $100 = \underline{\quad} \text{ tens} + \underline{\quad} \text{ ones}$



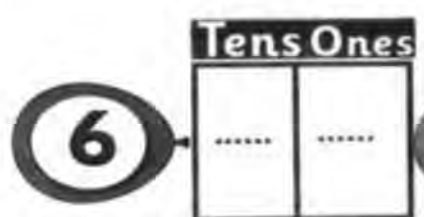
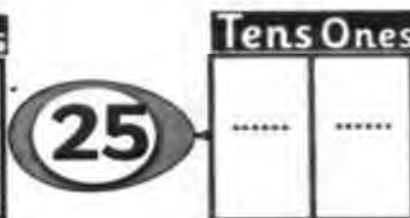
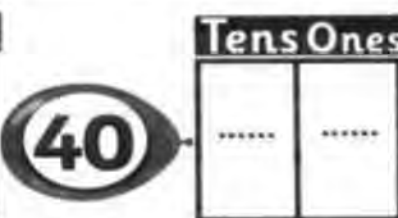
**2 Write the value of each digit:**



**3 Write the number:**



**4 Write the tens and ones:**





## 5 Complete:

43 = 4 tens , 3 ones

6 tens , 3 ones = 63

56 = ..... tens, ..... ones

7 tens , 9 ones = .....

74 = ..... tens, ..... ones

8 tens , 8 ones = .....

60 = ..... tens, ..... ones

4 tens , 0 ones = .....

7 = ..... tens, ..... ones

0 tens , 6 ones = .....

## 6 Complete:

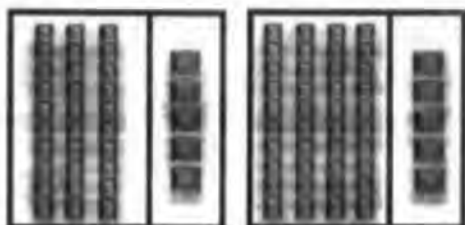
	The place value	The value
<u>3</u> 5	Tens	30
<u>6</u> 5	.....	.....
<u>7</u> 6	.....	.....
<u>7</u> 9	.....	.....
<u>9</u> 0	.....	.....
<u>1</u> 7	.....	.....
<u>7</u> 8	.....	.....
<u>8</u> 3	.....	.....
<u>5</u> 0	.....	.....



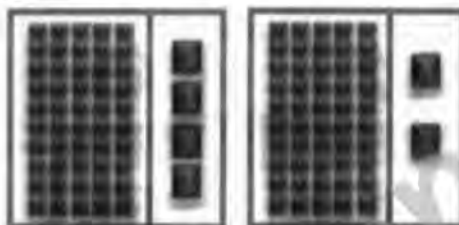
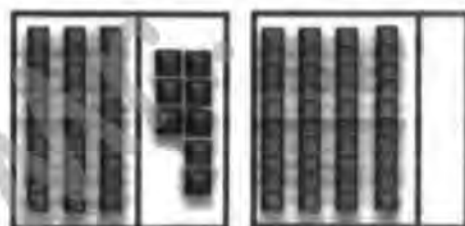
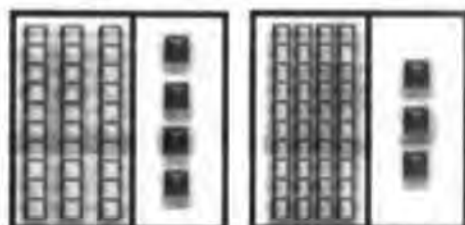
# Comparing & Ordering Numbers

1

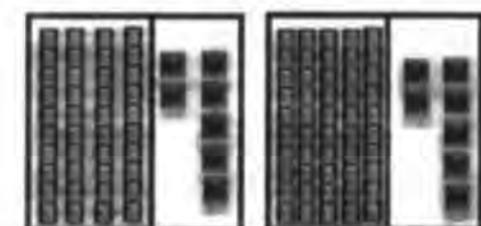
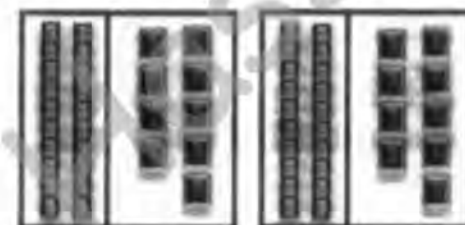
Compare using ( $<$ ,  $>$  or  $=$ ):



35  45



54  52





2

Compare using ( $>$ ,  $<$  or  $=$ ):43  5262  4379  6932  2344  4453  3229  3044  4919  9058  85

3

Compare using ( $>$ ,  $<$  or  $=$ ):37   $30+7$ 43   $40+6$  $50+5$   15 $30+3$   33 $70+8$    $80+7$ 6 tens, 4 ones  466 tens  4 tens, 8 ones8 tens, 9 ones  885 tens, 3 ones  357 ones  2 tens



4

Choose the correct answer:

 $61 > \dots\dots\dots$ 

(62 – 59 – 73 – 82)

 $76 < \dots\dots\dots$ 

(75 – 90 – 59 – 63)

 $99 = \dots\dots\dots$ 

(98 – 76 – 100 – 90 + 9)

 $\dots\dots\dots < 63$ 

(63 – 79 – 64 – 52)

 $\dots\dots\dots > 60$ 

(5 tens – 7 ones – 7 tens – 30)

5

Complete:

 $\dots\dots\dots$  is less than 5753 is greater than  $\dots\dots\dots$  $\dots\dots\dots$  is equal to 2925 is less than  $\dots\dots\dots$  $\dots\dots\dots$  is greater than 3030 is less than  $\dots\dots\dots$  $\dots\dots\dots$  is equal to 41 $40 + 4$  is equal to  $\dots\dots\dots$  $\dots\dots\dots$  is less than 183tens, 2ones is less than  $\dots\dots\dots$  $\dots\dots\dots$  is equal to  $30 + 2$ 24 is less than  $\dots\dots\dots$

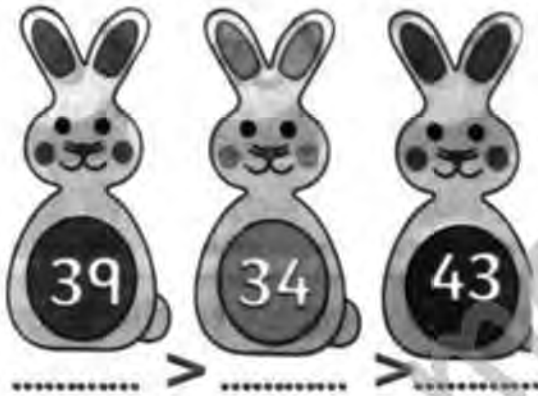


2

Write the numbers in the correct order:



$26 > 25 > 23$   
greatest least



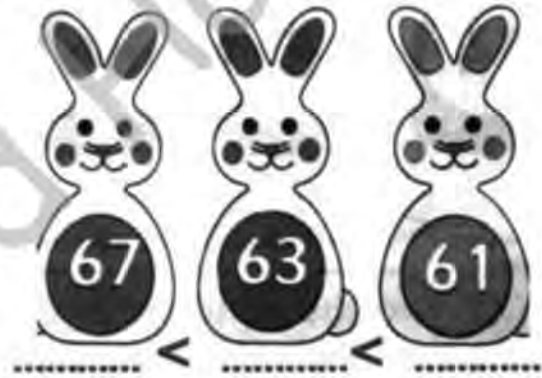
greatest least



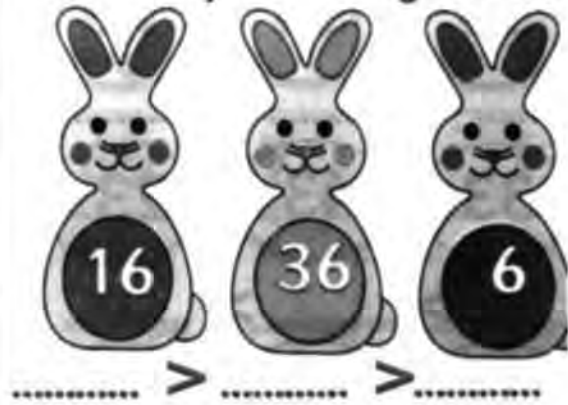
least greatest



greatest least



least greatest



greatest least



3

Write the numbers in order from the least to the greatest:

36

52

43

47

52

65

..... &lt; ..... &lt; .....

..... &lt; ..... &lt; .....

45

22

56

56

22

44

..... &lt; ..... &lt; .....

..... &lt; ..... &lt; .....

14

5

36

72

35

64

..... &lt; ..... &lt; .....

..... &lt; ..... &lt; .....

4

Write the numbers in order from the greatest to the least:

54

34

76

25

73

47

..... &gt; ..... &gt; .....

..... &gt; ..... &gt; .....

33

43

23

15

13

22

..... &gt; ..... &gt; .....

..... &gt; ..... &gt; .....

45

53

14

56

77

95

..... &gt; ..... &gt; .....

..... &gt; ..... &gt; .....



5

Write the numbers in an ascending order:



..... , ..... , ..... , .....



..... , ..... , ..... , .....



..... , ..... , ..... , .....

6

Write the numbers in a descending order:

36 , 21 , 54 , 93



43 , 52 , 42 , 15




67 , 39 , 8 , 18



65 , 47 , 58 , 13





 Arrange the following numbers descendingly

( 10 , 3 , 7 , 5 , 1 )

The order : ..... , ..... , ..... , ..... , ..... , .....

Answer

The First number is .....

The Forth number is .....

The order of number 3 is .....



 Arrange the following numbers ascendingly

( 67 , 76 , 53 , 24 , 90 , 12 )

The order : ..... , ..... , ..... , ..... , ..... , .....

Answer


The First number is .....

The third number is .....

The order of number 67 is .....



Complete as the example:

 Example

**21 , 23 , 25**

The smallest number is **21**

The greatest number is **25**

**a      82 , 73 , 96**

The smallest number is .....

The greatest number is .....

**b      63 , 54 , 79**

The smallest number is .....

The greatest number is .....

**c      79 , 48 , 24**

The smallest number is .....

The greatest number is .....

**d      25 , 58 , 37**

The smallest number is .....

The greatest number is .....

**e      37 , 89 , 46**

The smallest number is .....

The greatest number is .....

**f      74 , 79 , 47**

The smallest number is .....

The greatest number is .....

**g      94 , 59 , 99**

The smallest number is .....

The greatest number is .....

**h      52 , 73 , 37**

The smallest number is .....

The greatest number is .....



Find the greatest and the smallest numbers that may be formed from two digits of the following as the example:

 **Example**

**The digits: 8 , 5**  
**The smallest number is 58**  
**The greatest number is 85**

**a**      The digits: **3 , 5**  
The smallest number is .....  
The greatest number is .....

**b**      The digits: **8 , 2**  
The smallest number is ...  
The greatest number is ...

**c**      The digits: **6 , 8**  
The smallest number is .....  
The greatest number is .....

**d**      The digits: **7 , 5**  
The smallest number is .....  
The greatest number is .....

**e**      The digits: **7 , 3**  
The smallest number is .....  
The greatest number is .....

**f**      The digits: **3 , 9**  
The smallest number is .....  
The greatest number is .....

**g**      The digits: **1 , 5**  
The smallest number is .....  
The greatest number is .....

**h**      The digits: **9 , 8**  
The smallest number is .....  
The greatest number is .....



# Subtracting The Multiples of 10 From The Multiples of 10

Subtract.

$$\begin{array}{r} 6 \text{ Tens} \\ - 2 \text{ Tens} \\ \hline \text{ } \text{ Tens} \end{array}$$

$$\begin{array}{r} 9 \text{ Tens} \\ - 4 \text{ Tens} \\ \hline \text{ } \text{ Tens} \end{array}$$

$$\begin{array}{r} 5 \text{ Tens} \\ - 5 \text{ Tens} \\ \hline \text{ } \text{ Tens} \end{array}$$

$$\begin{array}{r} 7 \text{ Tens} \\ - 6 \text{ Tens} \\ \hline \text{ } \text{ Tens} \end{array}$$

$$\begin{array}{r} 6 \text{ Tens} \\ - 1 \text{ Tens} \\ \hline \text{ } \text{ Tens} \end{array}$$

$$\begin{array}{r} 8 \text{ Tens} \\ - 5 \text{ Tens} \\ \hline \text{ } \text{ Tens} \end{array}$$

$$\begin{array}{r} 3 \text{ Tens} \\ - 1 \text{ Tens} \\ \hline \text{ } \text{ Tens} \end{array}$$

$$\begin{array}{r} 6 \text{ Tens} \\ - 4 \text{ Tens} \\ \hline \text{ } \text{ Tens} \end{array}$$

$$\begin{array}{r} 7 \text{ Tens} \\ - 3 \text{ Tens} \\ \hline \text{ } \text{ Tens} \end{array}$$



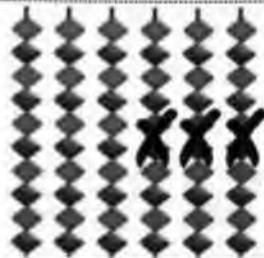
Subtract the numbers and write down the correct answer as the example:



Subtract multiples of 10, then complete:



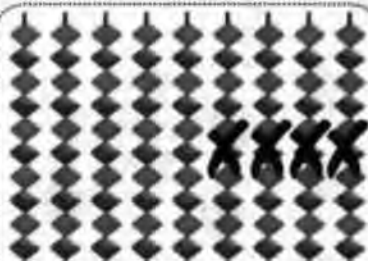
$$20 - 10 = 10$$



$$60 - 30 = \dots\dots\dots$$



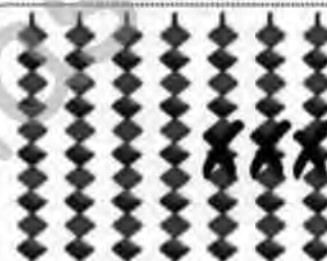
$$50 - 20 = \dots\dots\dots$$



$$90 - 40 = \dots\dots\dots$$



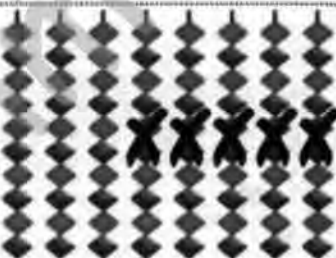
$$40 - 20 = \dots\dots\dots$$



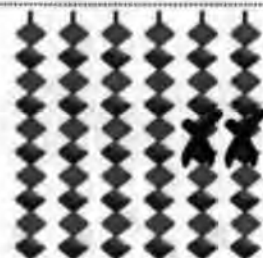
$$70 - 30 = \dots\dots\dots$$



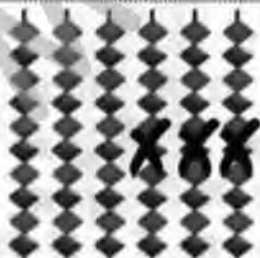
$$30 - 10 = \dots\dots\dots$$



$$80 - 50 = \dots\dots\dots$$



$$60 - 20 = \dots\dots\dots$$



$$\dots\dots\dots - \dots\dots\dots = \dots\dots\dots$$



$$\dots\dots\dots - \dots\dots\dots = \dots\dots\dots$$



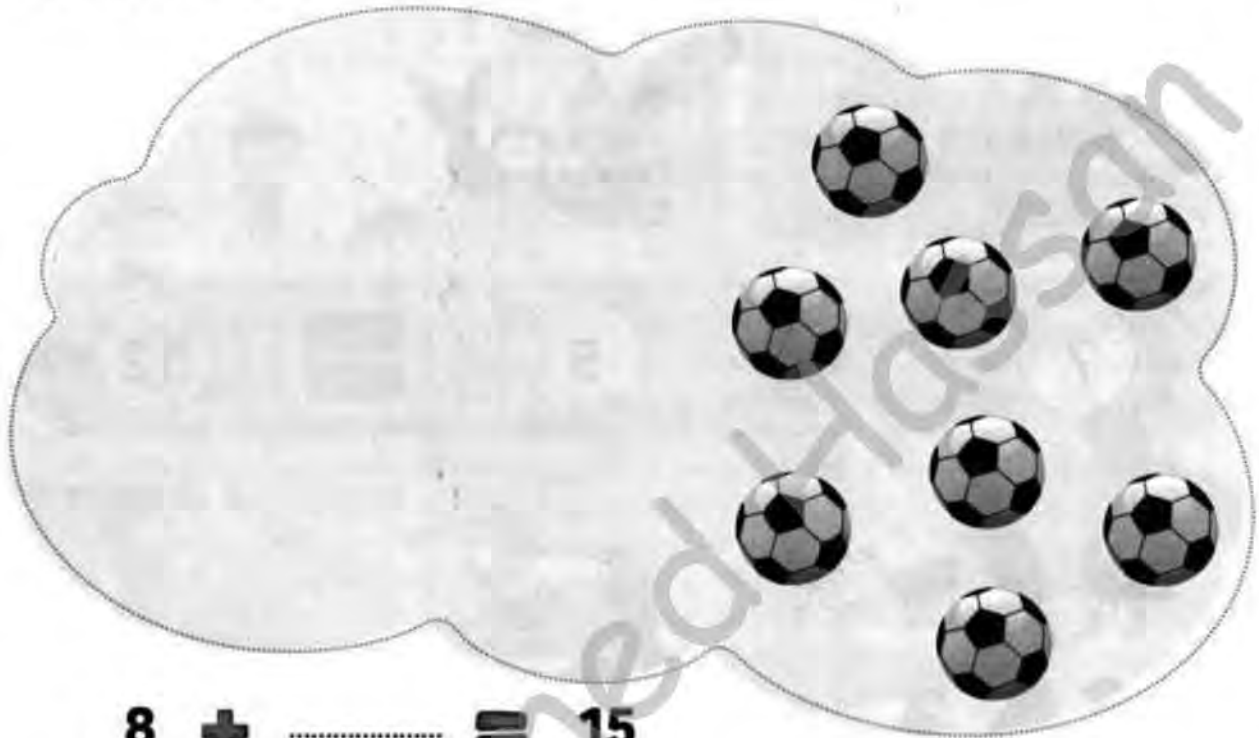
$$\dots\dots\dots - \dots\dots\dots = \dots\dots\dots$$



# Problem Solving (Addition)

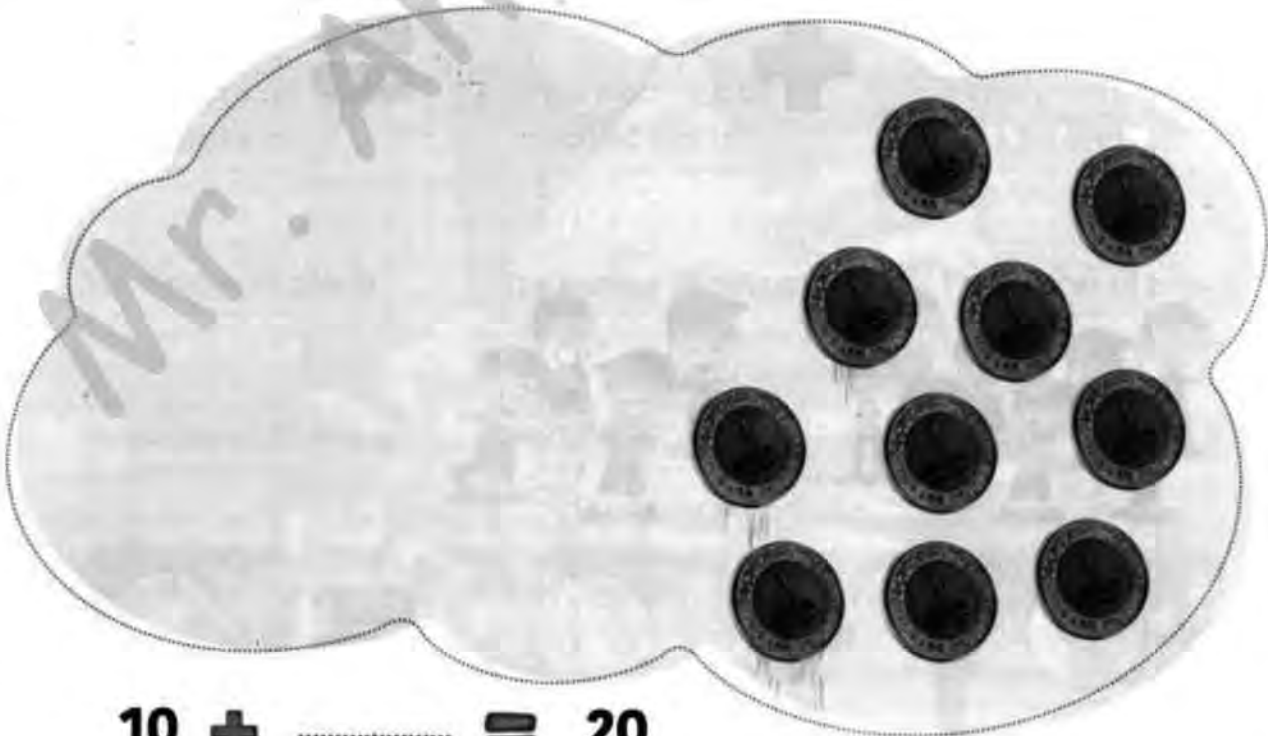
Draw and complete:

- Draw balls to get 15 balls:



$$8 + \dots = 15$$

- Draw coins to get 20 pounds:



$$10 + \dots = 20$$



Circle the correct answer.

$$10 + \bigcirc = 15 \quad 3 \text{ or } 5 \text{ or } 8$$

$$7 + \bigcirc = 17 \quad 10 \text{ or } 12 \text{ or } 9$$

$$13 + \bigcirc = 15 \quad 3 \text{ or } 12 \text{ or } 2$$

$$5 + \bigcirc = 12 \quad 7 \text{ or } 6 \text{ or } 5$$

$$\bigcirc + 9 = 14 \quad 7 \text{ or } 5 \text{ or } 8$$

$$\bigcirc + 6 = 14 \quad 4 \text{ or } 8 \text{ or } 6$$

$$\bigcirc + 16 = 19 \quad 2 \text{ or } 3 \text{ or } 4$$

$$\bigcirc + 13 = 17 \quad 4 \text{ or } 14 \text{ or } 3$$



**1 Solve each of the following story problems:**

Heba has 8 marbles. Her mother gave her more marbles, so the total number of marbles became 13.



Find number of marbles that mother gave Heba.

The problem is: ..... + ..... = .....

Soha has 8 pencils. She bought some extra pencils, the total number of pencils with Soha became 22.



How many pencils did she buy?

The problem is: ..... + ..... = .....

Shaza has 14 stamps. Her father gave her some more stamps. Now she has 19 stamps.



How many stamps did father give her?

The problem is: ..... + ..... = .....

A farmer watered 6 trees in a day. The next day he watered some more trees. The total number of the watered trees became 14. How many trees did the farmer water on the second day?



The problem is: ..... + ..... = .....

2

Write the missing numbers:

$6 + \dots = 9$

$5 + \dots = 12$

$\dots + 6 = 14$

$13 + \dots = 18$

$6 + \dots = 20$

$12 + \dots = 15$

$\dots + 13 = 20$

$9 + \dots = 16$

$10 + \dots = 19$

$16 + \dots = 20$

$\dots + 3 = 19$

$\dots + 5 = 15$

$5 + \dots = 15$

$13 + \dots = 19$

$\dots + 8 = 14$

$\dots + 10 = 17$

$5 + \dots = 15$

$13 + \dots = 19$

$\dots + 8 = 14$

$\dots + 10 = 17$

$15 + \dots = 15$

$11 + \dots = 16$

$11 + \dots = 20$

$13 + \dots = 20$



## Problem Solving (Subtraction)

**1** Solve each of the following story problems:

Hany has 12 bananas. He gave some of them to his brother and 7 bananas are left.

How many bananas did Hany give to his brother?

$$12 - \dots\dots\dots = 7$$



There were 14 sheep in a field. Some of them escaped, the number of sheep became 7.

How many sheep escaped?

$$14 - \dots\dots\dots = 7$$



**2** Solve each of the following problems:

There are 15 eggs in a basket; some of them have been broken. 5 eggs are left. How many eggs have been broken?

$$15 - \dots\dots\dots = 5$$



18 bees were flying, some of them went into the hive. 9 bees are still flying.

How many bees went into the hive?

$$18 - \dots\dots\dots = 9$$



 Write the missing number.

13

-



=

4



17

-



=

5



12

-



=

9



15

-



=

10



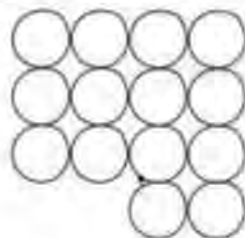
14

-



=

7



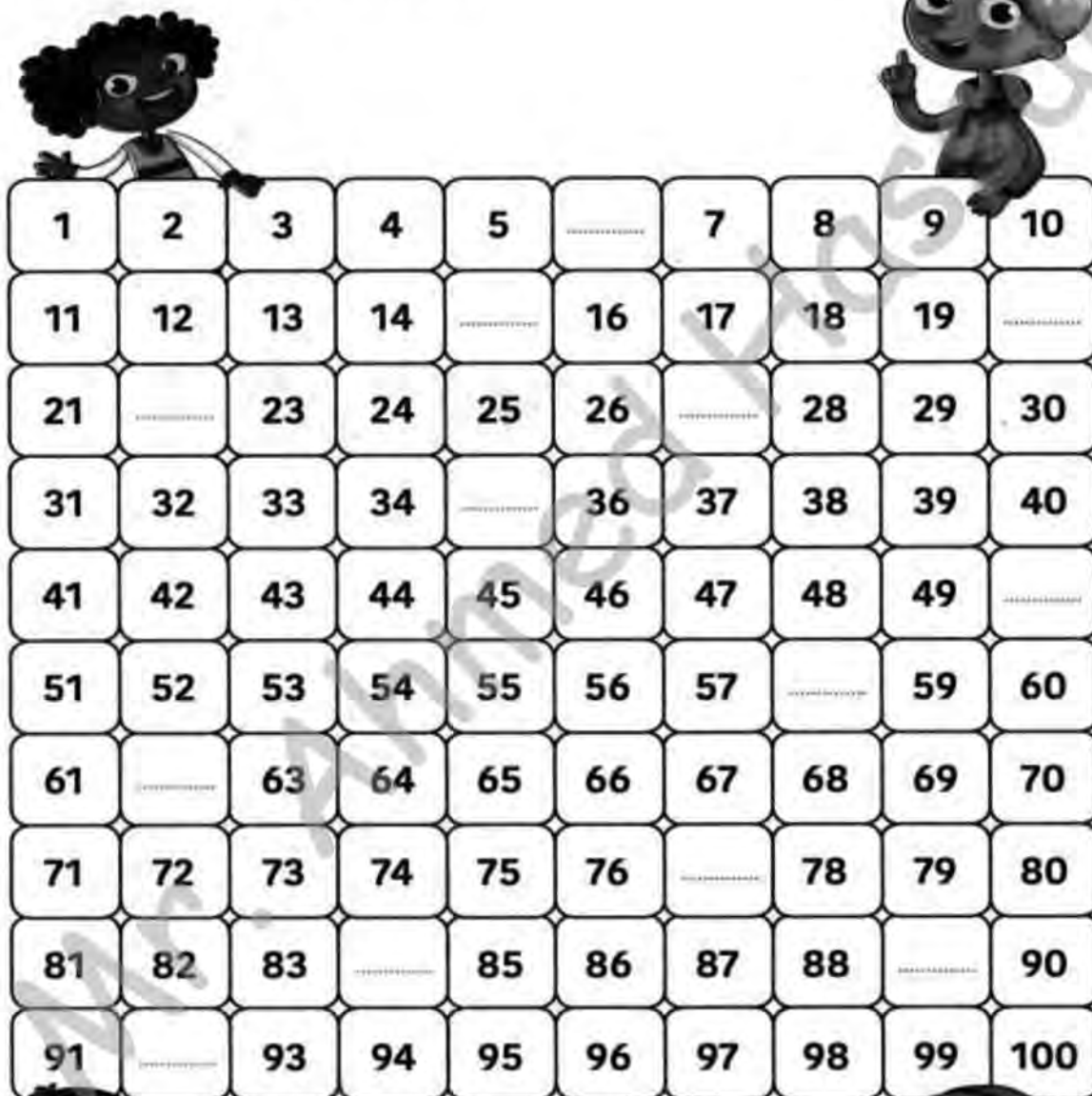


# Counting Forward & Backward

## By ones & tens

Counting by ones and tens using hundred chart:

- Fill the missing numbers:



1	2	3	4	5	.....	7	8	9	10
11	12	13	14	.....	16	17	18	19	.....
21	.....	23	24	25	26	.....	28	29	30
31	32	33	34	.....	36	37	38	39	40
41	42	43	44	45	46	47	48	49	.....
51	52	53	54	55	56	57	.....	59	60
61	.....	63	64	65	66	67	68	69	70
71	72	73	74	75	76	.....	78	79	80
81	82	83	.....	85	86	87	88	.....	90
91	.....	93	94	95	96	97	98	99	100

1

Complete by adding 10:

4	14					
16	26					
35						
27						
19						

2

Add ten:

5	10+	15
36	10+	....
47	10+	....
89	10+	....

86	10+	....
77	10+	....
63	10+	....
53	10+	....



1

Write the amount of each set of notes:

11	10	9									
0000			XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
30	29										
0000			XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
50	49										
0000			XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
70	69										
0000			XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
100	99										
0000			XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX


























2

Count backward by ones and complete:

60	59					
73	72					
95	94					
65						
37						

2

Count backward by tens and complete:

3

Subtract 10:

$45 \xrightarrow{10 \text{ less}} 35$	$82 \xrightarrow{10 \text{ less}} \dots$
$23 \xrightarrow{10 \text{ less}} \dots$	$32 \xrightarrow{10 \text{ less}} \dots$
$26 \xrightarrow{10 \text{ less}} \dots$	$92 \xrightarrow{10 \text{ less}} \dots$
$77 \xrightarrow{10 \text{ less}} \dots$	$65 \xrightarrow{10 \text{ less}} \dots$



### 3 Complete:

..... is one more than 8

..... is one less than 2

..... is one more than 7

..... is one less than 10

..... is one more than 32

..... is one less than 15

43 is one more than .....

37 is one less than .....

56 is one more than .....

50 is one less than .....

76 is one more than .....

96 is one less than .....

### 4 Complete:

ten more



ten less



# Subtracting multiples of 10 from 2-digit numbers

Using place value to solve subtraction problems:

- Subtract using place value:





- Find the difference, then match the equal results as the example:



1

Use the 100 chart to find the result:

$53 - 20 = \dots\dots\dots$

$66 - 30 = \dots\dots\dots$

$59 - 30 = \dots\dots\dots$

$43 - 20 = \dots\dots\dots$

$96 - 70 = \dots\dots\dots$

$36 - 20 = \dots\dots\dots$

$55 - 40 = \dots\dots\dots$

$76 - 50 = \dots\dots\dots$

$86 - 40 = \dots\dots\dots$

$44 - 40 = \dots\dots\dots$

2

Subtract (subtract the ones column first, then the tens column):

second

Tens	Ones
4	6
- 3	0
1	6

First

Tens	Ones
5	8
- 4	0
....	8

Tens	Ones
6	7
- 2	0
....	....

Tens	Ones
8	3
- 5	0
....	....

Tens	Ones
7	5
- 3	0
....	....

Tens	Ones
3	4
- 2	0
....	....



3

Subtract:

$$\begin{array}{r} 43 \\ - 20 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ - 30 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ - 20 \\ \hline \end{array}$$

$$\begin{array}{r} 66 \\ - 40 \\ \hline \end{array}$$

$$\begin{array}{r} 57 \\ - 30 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ - 40 \\ \hline \end{array}$$

4

Subtract:



Don't forget to begin subtracting from the ones first or from the right.

$$53 - 40 = 13$$

$$76 - 30 = \dots\dots\dots$$

$$87 - 50 = \dots\dots\dots$$

$$79 - 50 = \dots\dots\dots$$

$$68 - 30 = \dots\dots\dots$$

$$84 - 30 = \dots\dots\dots$$

$$79 - 40 = \dots\dots\dots$$

$$43 - 30 = \dots\dots\dots$$

$$55 - 40 = \dots\dots\dots$$

$$66 - 40 = \dots\dots\dots$$

$$88 - 80 = \dots\dots\dots$$

$$75 - 10 = \dots\dots\dots$$

$$93 - 60 = \dots\dots\dots$$

$$87 - 40 = \dots\dots\dots$$

4

**Solve the problems:**

Ali has LE 100, he bought a ball for LE 40.  
How much money does he have now?

The left = ..... - ..... = LE.....



Hady has LE 50, he bought a toy for LE 10.  
What is the remainder with him?

The remainder = ..... - ..... = LE.....



Mona has LE 73, she lost one pound.  
How much money left with Mona now?

The left = ..... - ..... = LE.....



Saher has LE 82, he gave his brother  
LE 20.

How much money left with Saher now?

The left = ..... - ..... = LE.....





# Adding multiples of 10 to 2-digit numbers

Tens	Ones
3	0
+ 5	0

Tens	Ones
5	6
+ 3	0

Tens	Ones
4	6
+ 4	0

Tens	Ones
7	7
+ 1	0

Add.

$$\begin{array}{r} 26 \\ + 30 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ + 20 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ + 40 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ + 10 \\ \hline \end{array}$$



Add.

$$22 + 50 = \underline{\quad}$$

$$37 + 20 = \underline{\quad}$$

$$65 + 30 = \underline{\quad}$$

$$46 + 40 = \underline{\quad}$$

1

Find the result:

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Tens</th> <th style="width: 50%;">Ones</th> </tr> <tr> <td>5</td> <td>4</td> </tr> <tr> <td>3</td> <td>0</td> </tr> <tr> <td>.....</td> <td>.....</td> </tr> </table> <p>54 + 30 = .....</p>	Tens	Ones	5	4	3	0	.....	.....	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Tens</th> <th style="width: 50%;">Ones</th> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td>.....</td> <td>.....</td> </tr> </table> <p>..... + ..... = .....</p>	Tens	Ones					.....	.....
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5	4																
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Tens	Ones																
.....	.....																
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Tens	Ones																
.....	.....																
Tens	Ones																
.....	.....																

2

Use the 100 chart to find:

53 + 30 = .....

77 + 20 = .....

57 + 30 = .....

65 + 30 = .....

56 + 20 = .....

63 + 30 = .....

85 + 10 = .....

72 + 20 = .....

63 + 20 = .....

53 + 40 = .....

47 + 20 = .....

51 + 30 = .....

3

Find the sum:

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Tens</th> <th style="width: 50%;">Ones</th> </tr> <tr> <td>5</td> <td>3</td> </tr> <tr> <td>+ 2</td> <td>0</td> </tr> <tr> <td>.....</td> <td>.....</td> </tr> </table>	Tens	Ones	5	3	+ 2	0	.....	.....	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Tens</th> <th style="width: 50%;">Ones</th> </tr> <tr> <td>4</td> <td>3</td> </tr> <tr> <td>+ 3</td> <td>0</td> </tr> <tr> <td>.....</td> <td>.....</td> </tr> </table>	Tens	Ones	4	3	+ 3	0	.....	.....	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Tens</th> <th style="width: 50%;">Ones</th> </tr> <tr> <td>7</td> <td>3</td> </tr> <tr> <td>+ 3</td> <td>0</td> </tr> <tr> <td>.....</td> <td>.....</td> </tr> </table>	Tens	Ones	7	3	+ 3	0	.....	.....	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Tens</th> <th style="width: 50%;">Ones</th> </tr> <tr> <td>5</td> <td>8</td> </tr> <tr> <td>+ 3</td> <td>0</td> </tr> <tr> <td>.....</td> <td>.....</td> </tr> </table>	Tens	Ones	5	8	+ 3	0	.....	.....
Tens	Ones																																		
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+ 2	0																																		
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+ 1	0																																		
.....	.....																																		
Tens	Ones																																		
3	6																																		
+ 2	0																																		
.....	.....																																		
Tens	Ones																																		
6	3																																		
+ 2	0																																		
.....	.....																																		



# Decomposing a number within 10 into two parts

Draw objects to get the given number, then  
complete as the example:



$$5 = 3 + \boxed{2}$$



$$8 = 3 + \boxed{\phantom{000}}$$



$$6 = 5 + \boxed{\phantom{000}}$$



$$7 = 4 + \boxed{\phantom{000}}$$

1

Complete as the example:



$$5 + 2 = 7$$



$$3 + \dots = \dots$$



$$\dots + \dots = \dots$$



$$\dots + \dots = \dots$$



$$\dots + \dots = \dots$$



$$\dots + \dots = \dots$$



$$\dots + \dots = \dots$$



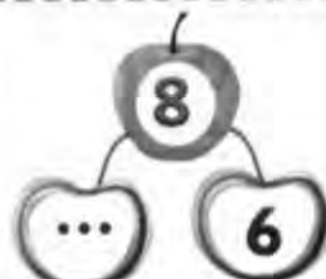
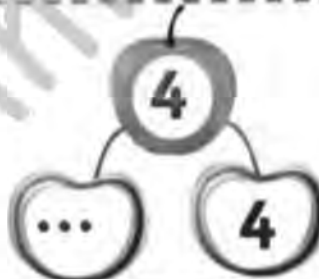
$$\dots + \dots = \dots$$



$$\dots + \dots = \dots$$

2

Complete by decomposing the given numbers:

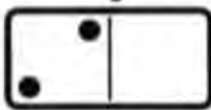


3

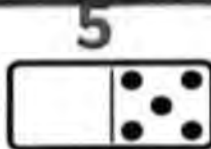
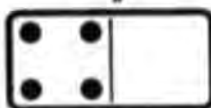
Draw dots to get the numbers:



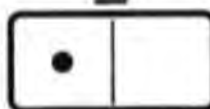
4



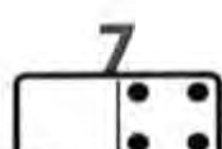
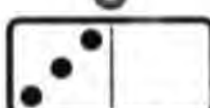
4



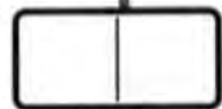
2



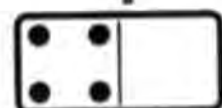
6



1



9





# Make a 10 to add



Make a ten to add.

$$\begin{array}{r} 9 \\ + 3 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 10 \\ + 2 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 7 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 9 \\ \hline \end{array}$$

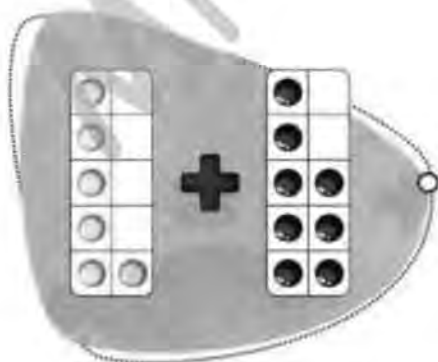
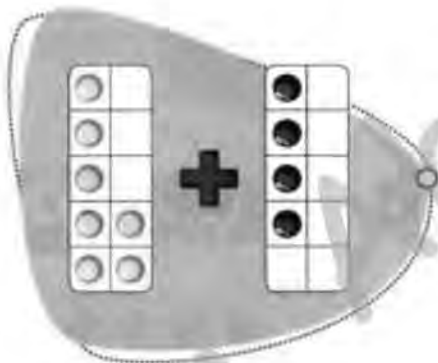
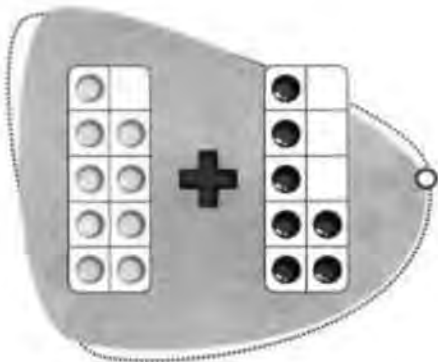
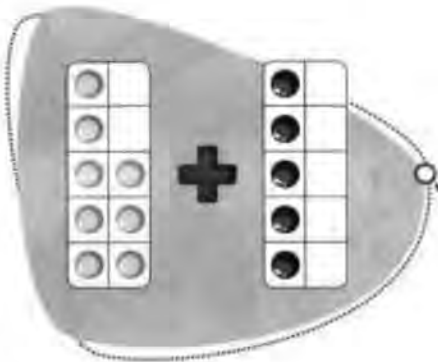
$$\begin{array}{r} 4 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 8 \\ \hline \end{array}$$

Add, then match as the example:





Make a ten to add.

$$\overset{10}{\cancel{7}} + \cancel{5} =$$

$$\cancel{4} + \overset{10}{\cancel{9}} =$$

$$\overset{10}{\cancel{6}} + \cancel{5} =$$

$$\cancel{8} + \cancel{7} =$$

Match equal sums.

$$\begin{array}{r} 5 \\ + 6 \end{array}$$

$$\begin{array}{r} 10 \\ + 7 \end{array}$$

$$\begin{array}{r} 8 \\ + 9 \end{array}$$

$$\begin{array}{r} 10 \\ + 3 \end{array}$$

$$\begin{array}{r} 7 \\ + 8 \end{array}$$

$$\begin{array}{r} 10 \\ + 1 \end{array}$$

$$\begin{array}{r} 9 \\ + 7 \end{array}$$

$$\begin{array}{r} 10 \\ + 2 \end{array}$$

$$\begin{array}{r} 5 \\ + 7 \end{array}$$

$$\begin{array}{r} 10 \\ + 5 \end{array}$$

$$\begin{array}{r} 4 \\ + 9 \end{array}$$

$$\begin{array}{r} 10 \\ + 6 \end{array}$$

# 1 Complete as the example:

$\begin{array}{r} +15 \\ 4 \end{array} = \begin{array}{r} +10 \\ 9 \\ \hline 19 \end{array}$	$\begin{array}{r} +16 \\ 2 \end{array} = \begin{array}{r} +10 \\ \dots \\ \hline \dots \end{array}$	$\begin{array}{r} +13 \\ 6 \end{array} = \begin{array}{r} +10 \\ \dots \\ \hline \dots \end{array}$
$\begin{array}{r} +12 \\ 4 \end{array} = \begin{array}{r} +10 \\ \dots \\ \hline \dots \end{array}$	$\begin{array}{r} +5 \\ 13 \end{array} = \begin{array}{r} \dots \\ +10 \\ \hline \dots \end{array}$	$\begin{array}{r} +4 \\ 13 \end{array} = \begin{array}{r} \dots \\ +10 \\ \hline \dots \end{array}$

# 2 Complete:

$$15 + 3 = 10 + 8 = 18$$

$$14 + 4 = 10 + \dots = \dots$$

$$13 + 6 = 10 + \dots = \dots$$

$$15 + 4 = 10 + \dots = \dots$$

$$13 + 5 = 10 + \dots = \dots$$

$$7 + 12 = \dots + 10 = \dots$$

$$3 + 14 = \dots + 10 = \dots$$

$$5 + 13 = \dots + 10 = \dots$$

# 3 Complete:

$$\begin{array}{r} 9 \\ +6 \\ \hline \dots \end{array}$$

=

$$\begin{array}{r} 10 \\ +5 \\ \hline \dots \end{array}$$

$$\begin{array}{r} 8 \\ +5 \\ \hline \dots \end{array}$$

=

$$\begin{array}{r} 10 \\ +3 \\ \hline \dots \end{array}$$



# Adding 2 two-digit numbers



No regrouping: 51

1) 
$$\begin{array}{r} 20 \\ + 9 \\ \hline \end{array}$$

2) 
$$\begin{array}{r} 5 \\ + 13 \\ \hline \end{array}$$

3) 
$$\begin{array}{r} 31 \\ + 6 \\ \hline \end{array}$$

4) 
$$\begin{array}{r} 52 \\ + 2 \\ \hline \end{array}$$

5) 
$$\begin{array}{r} 1 \\ + 44 \\ \hline \end{array}$$

6) 
$$\begin{array}{r} 62 \\ + 4 \\ \hline \end{array}$$

7) 
$$\begin{array}{r} 40 \\ + 8 \\ \hline \end{array}$$

8) 
$$\begin{array}{r} 7 \\ + 12 \\ \hline \end{array}$$

9) 
$$\begin{array}{r} 35 \\ + 3 \\ \hline \end{array}$$

10) 
$$\begin{array}{r} 27 \\ + 1 \\ \hline \end{array}$$

11) 
$$\begin{array}{r} 6 \\ + 53 \\ \hline \end{array}$$

12) 
$$\begin{array}{r} 30 \\ + 5 \\ \hline \end{array}$$

13) 
$$\begin{array}{r} 11 \\ + 4 \\ \hline \end{array}$$

14) 
$$\begin{array}{r} 7 \\ + 70 \\ \hline \end{array}$$

15) 
$$\begin{array}{r} 64 \\ + 3 \\ \hline \end{array}$$

16) 
$$\begin{array}{r} 41 \\ + 8 \\ \hline \end{array}$$

17) 
$$\begin{array}{r} 60 \\ + 2 \\ \hline \end{array}$$

18) 
$$\begin{array}{r} 33 \\ + 1 \\ \hline \end{array}$$

19) 
$$\begin{array}{r} 2 \\ + 15 \\ \hline \end{array}$$

20) 
$$\begin{array}{r} 4 \\ + 21 \\ \hline \end{array}$$

Find the result. Join.

$40 + 9$

• 25

$21 + 4$

• 65

$41 + 5$

• 79

$63 + 2$

• 89

$74 + 5$

• 46

$82 + 7$

• 49



# Addition Drill



1) 16

+ 13

2) 30

+ 29

3) 42

+ 33

4) 15

+ 22

5) 51

+ 18

6) 35

+ 41

7) 25

+ 40

8) 44

+ 11

9) 60

+ 19

10) 23

+ 33

11) 13

+ 31

12) 52

+ 34

13) 26

+ 23

14) 45

+ 40

15) 14

+ 14

16) 32

+ 25

17) 33

+ 33

18) 17

+ 10

19) 55

+ 44

20) 64

+ 23

21) 11

+ 15

22) 40

+ 31

23) 21

+ 21

24) 36

+ 42

25) 12

+ 11

- Add these numbers to find the letters that spell out the hidden word:

**B**  
25  
+ 51  
\_\_\_\_\_

**P**  
36  
+ 40  
\_\_\_\_\_

**G**  
46  
+ 32  
\_\_\_\_\_

**C**  
13  
+ 63  
\_\_\_\_\_

**E**  
71  
+ 10  
\_\_\_\_\_

**D**  
18  
+ 71  
\_\_\_\_\_

**L**  
44  
+ 52  
\_\_\_\_\_

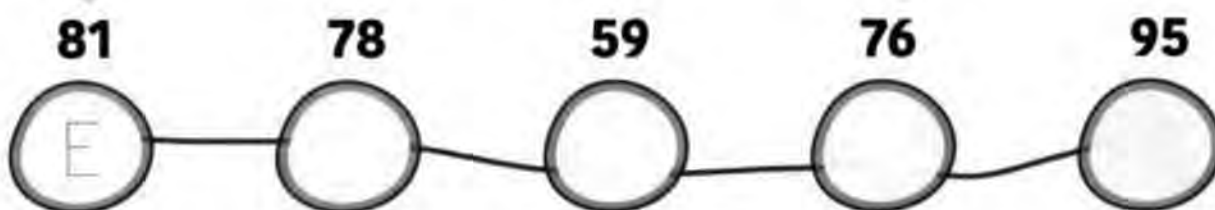
**y**  
39  
+ 20  
\_\_\_\_\_

**R**  
11  
+ 83  
\_\_\_\_\_

**U**  
87  
+ 12  
\_\_\_\_\_

**S**  
75  
+ 23  
\_\_\_\_\_

**T**  
83  
+ 12  
\_\_\_\_\_





# Notice:

First: Add the ones

$$63 + 22 = 85$$

3

Add:

Second: Add the tens

$$\begin{array}{r} 41 \\ + 52 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ + 42 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ + 27 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ + 34 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ + 24 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ + 22 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ + 23 \\ \hline \end{array}$$

$$\begin{array}{r} 66 \\ + 30 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ + 40 \\ \hline \end{array}$$

$$\begin{array}{r} 71 \\ + 27 \\ \hline \end{array}$$

40	+	53	=	.....
70	+	22	=	.....
83	+	10	=	.....
56	+	31	=	.....

43	+	56	=	.....
72	+	26	=	.....
42	+	57	=	.....
63	+	33	=	.....

# Subtracting 2 two-digit numbers

- Subtract the two digit numbers, then circle the correct number:



25   55   35



28   27   58



40   30   20



13   69   32



24   18   14



27   25   56



30   24   66



20   73   60



22   77   11



# 1 Complete:

$$\begin{array}{r} 48 \\ - 22 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ - 32 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ - 32 \\ \hline \end{array}$$

$$\begin{array}{r} 73 \\ - 22 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ - 32 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ - 22 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ - 62 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ - 22 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ - 22 \\ \hline \end{array}$$

$$\begin{array}{r} 77 \\ - 13 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ - 30 \\ \hline \end{array}$$



First: subtract the ones

$$53 - 21 = 32$$

second: subtract the tens

43	-	22	=	.....
83	-	31	=	.....
46	-	22	=	.....

32	-	21	=	.....
44	-	33	=	.....
50	-	30	=	.....

# Fact Family

Find the missing number in each box.

$$7 + \bigcirc = 17$$

$$17 - 7 = \bigcirc$$

$$17 - \bigcirc = 7$$

$$\bigcirc + 7 = 17$$

$$11 - \bigcirc = 6$$

$$6 + \bigcirc = 11$$

$$\bigcirc + 6 = 11$$

$$11 - 6 = \bigcirc$$

$$4 + \bigcirc = 12$$

$$\bigcirc + 4 = 12$$

$$12 - \bigcirc = 4$$

$$12 - 4 = \bigcirc$$

$$15 - \bigcirc = 8$$


$$15 - 8 = \bigcirc$$

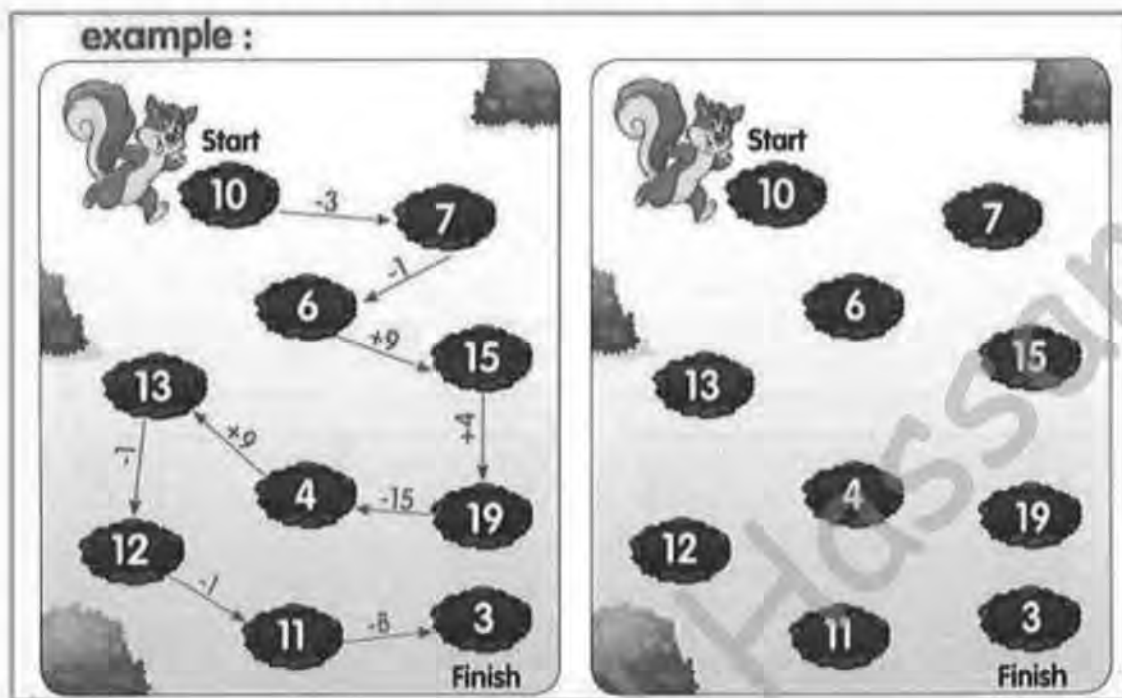
$$8 + \bigcirc = 15$$


$$\bigcirc + 8 = 15$$

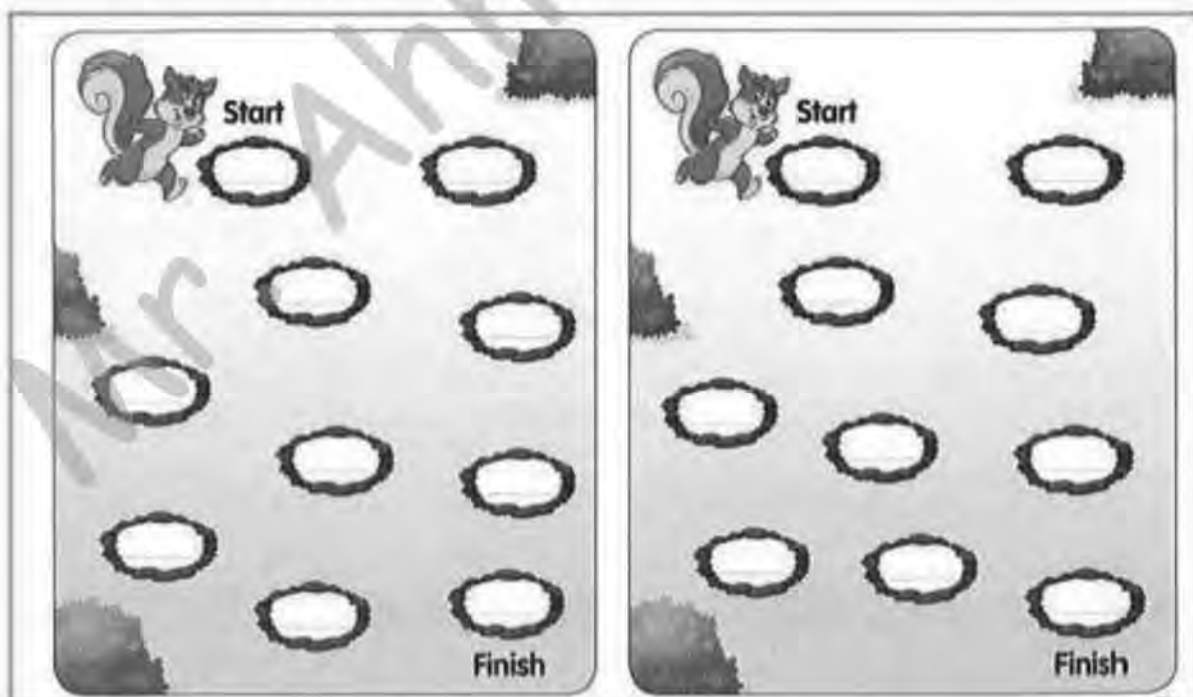




Help the  to find new path between the holes using addition and subtraction as in the example.



Put 10 numbers between 1 and 20 in each hole, then draw a path for  to visit all the holes.



# Number Sequences

- Fill the missing numbers to make a pattern:





**? Discover the pattern and complete**

- 42 , 44 , 46 , ..... , .....
- 25 , 35 , 45 , ..... , .....
- ..... , 34 , ..... , 56 , 67
- 12 , 14 , 16 , ..... , .....
- ..... , 19 , 17 , 13 , ..... , .....



**? Choose the correct answer as in the example**

- Two consecutive numbers their sum is 9 are .....  
( 1,8 - 5,6 - 3,4 )
- Two consecutive numbers their sum is 23 are .....  
( 11,12 - 10,13 - 21,22 )
- Two consecutive numbers their sum is 59 are .....  
( 25,24 - 19,20 - 30,29 )

**? Discover the pattern and complete**

- 28 , 26 , 24 , ..... , .....
- 85 , 80 , 75 , ..... , .....
- ..... , 11 , ..... , 15 , 17
- 12 , 10 , 8 , ..... , .....
- ..... , 19 , 17 , 13 , ..... , .....



**Choose the correct answer as in the example**

<div>-15</div>	40	98	65	25	89
	.....	.....	.....	.....	.....



## Two-dimensional shapes (2D shapes)

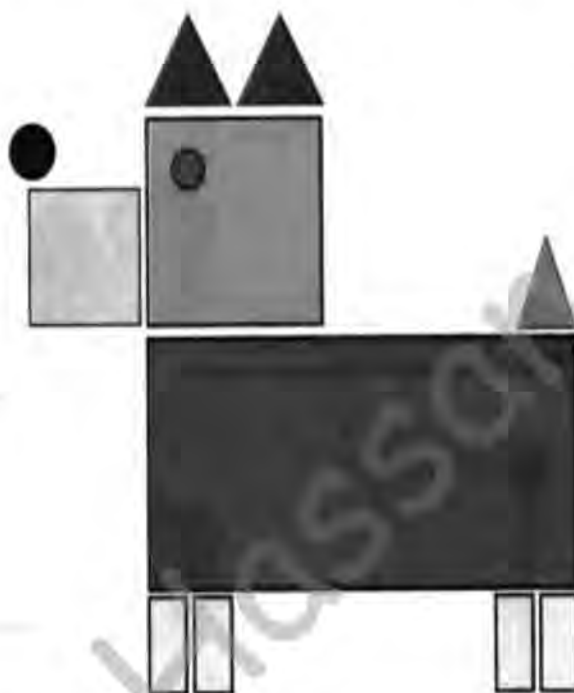
Look and count.

★ How many squares ?

★ How many triangles ?

★ How many circles ?

★ How many rectangles ?



Complete each of the following.



○ Number of sides is \_\_\_\_\_

○ Number of corners is \_\_\_\_\_



○ Number of sides is \_\_\_\_\_

○ Number of corners is \_\_\_\_\_



○ Number of sides is \_\_\_\_\_

○ Number of corners is \_\_\_\_\_



○ Number of sides is \_\_\_\_\_

○ Number of corners is \_\_\_\_\_

2

Match with the suitable word:



Circle



Triangle



Square



Rectangle

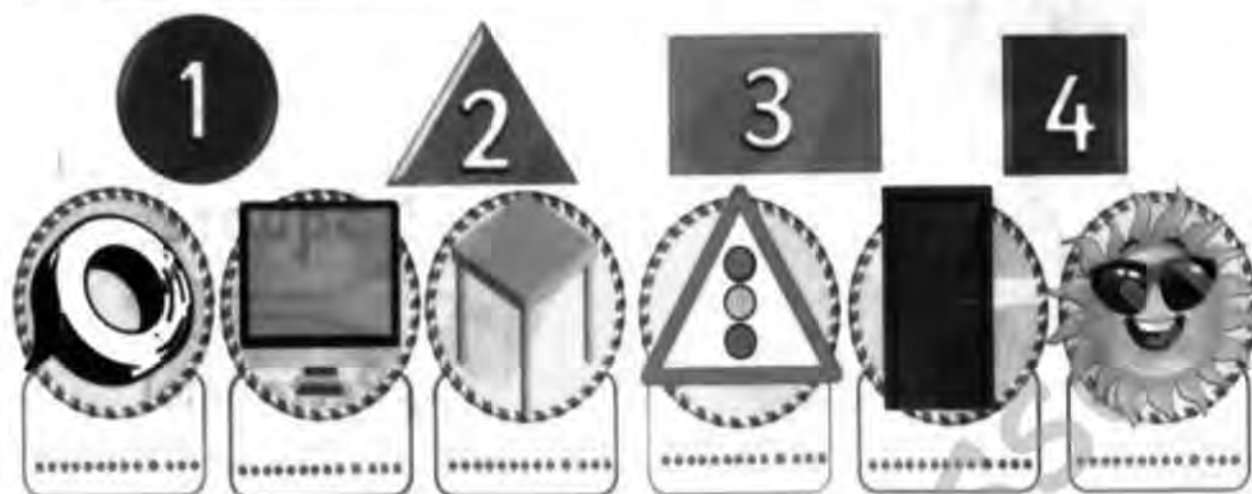
3

Match the same shapes:






**4 Write the number of the similar shapes:**



**Side / Corner**



				
<b>Number of sides</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>Number of corners</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>



Write the name of each shape four times



.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....



Join each shape with its name



Triangle

Square

Rectangle

Circle

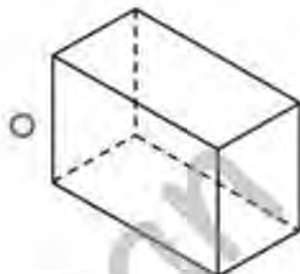


# Three-dimensional shapes (3D shapes)

Match as the example:



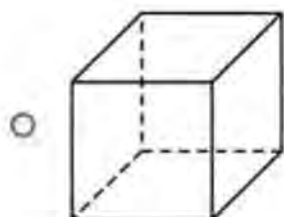
Cone



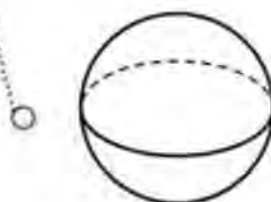
Sphere



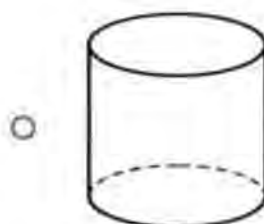
Cuboid



Cylinder



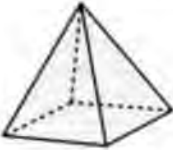





Cube





Name each solid and write the missing numbers.

Solid	Name	Corners	Edges	Flat faces	Curved face	Has a pointy top ?
	Cube	8	12	6	0	No
						
						Yes
			0			
					1	
		0				





**Circle the correct one.**

✿ How many faces of a cube?

**4**

**6**

**8**

✿ How many corners of a rectangular prism?

**12**

**6**

**8**

✿ What is the shape of the base of a cone?

**square**

**triangle**

**circle**

✿ What is the shape of each face of a cube?

**rectangle**

**square**

**triangle**

✿ How many circular bases of a cylinder?

**1**

**2**

**3**

✿ How many corners of a sphere?

**0**

**1**

**2**

## Complete.

- The base of the cone is in the shape of \_\_\_\_\_
- The number of corners of the cylinder = \_\_\_\_\_
- The number of edges of a cube = \_\_\_\_\_
- The number of corners of a cuboid = \_\_\_\_\_
- Each face of the faces of the cube is a \_\_\_\_\_
- The number of faces of a cuboid = \_\_\_\_\_

Circle the solid in which you can see the given shape.



Square



Circle



Rectangle



Triangle





1

Tick (✓) under the 3D shapes:



2

Match each shape with its name:



cone pyramid sphere cube cuboid cylinder



3 Match the similar shapes:



.



.



.



.



.



.



.



.



.



.



.



.



**4 Circle each solid with only a curved face:**



**5 Circle each solid with only flat face:**



**6 Circle each solid with both curved and flat faces:**




**7 Choose the correct answer:**








- 1) The number of circular bases of a cylinder: ( 1 - 2 - 3 )
- 2) The number of corners of a rectangular prism: (8 - 12 - 6)
- 3) The number of faces of a cube: ( 6 - 8 - 4 )
- 4) The number of corners of a sphere: ( 0 - 1 - 2 )
- 5) The shape of the base of a cone is in the shape of:  
( square - triangle - circle )
- 6) The shape of each face of cone is in the shape of:  
( square - triangle - circle )

**8 Complete:**

- 1) The number of faces of a cuboid is .....
- 2) The number of corners of the pyramid is .....
- 3) The base of the cone is in the shape of .....
- 4) Each face of the cube is .....
- 5) The number of edges of the sphere is .....



 Write the name of each solid 3 times

 <b>Cube</b>	<p>.....</p> <p>.....</p> <p>.....</p>
 <b>Cuboid</b>	<p>.....</p> <p>.....</p> <p>.....</p>
 <b>Pyramid</b>	<p>.....</p> <p>.....</p> <p>.....</p>
 <b>cylinder</b>	<p>.....</p> <p>.....</p> <p>.....</p>
 <b>Cone</b>	<p>.....</p> <p>.....</p> <p>.....</p>
 <b>Prism</b>	<p>.....</p> <p>.....</p> <p>.....</p>
 <b>Sphere</b>	<p>.....</p> <p>.....</p> <p>.....</p>



Circle each solid with its suitable Object



Pyramid



Sphere



Cube



Prism







Join



Prism

Cube

Cuboid

Cylinder

Pyramid

Cone

# Fractions

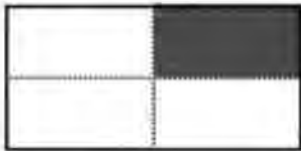
Circle the word that represents the colored part:



- ☐ Half      ☐ Three quarters      ☐ 1 quarter      ☐ One whole



- ☐ Two quarters      ☐ Three fourths      ☐ 1 fourth      ☐ One whole



- ☐ Three quarters      ☐ Half      ☐ 1 quarter      ☐ One whole



- ☐ Two quarters      ☐ Three fourths      ☐ 1 quarter      ☐ One whole

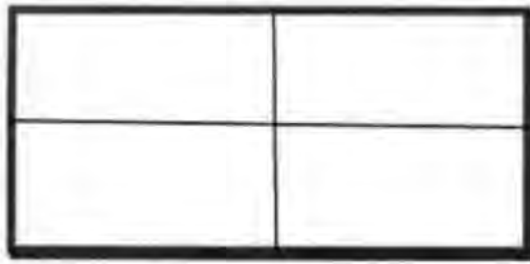


- ☐ Three quarters      ☐ 1 fourth      ☐ Two quarters      ☐ One whole

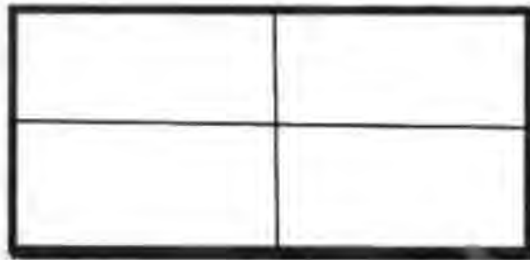




Color the shape according to the fraction



$$= \frac{2}{4}$$



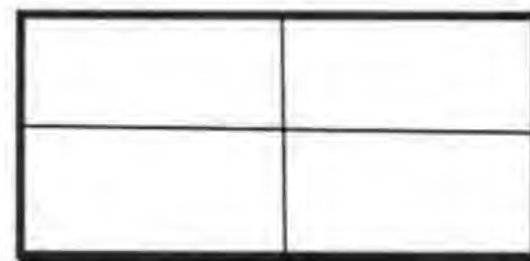
$$= 1$$



$$= \frac{1}{4}$$



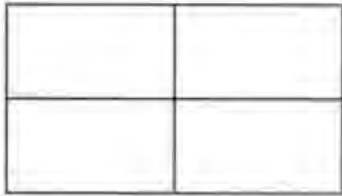
$$= \frac{3}{4}$$



$$= \frac{1}{2}$$



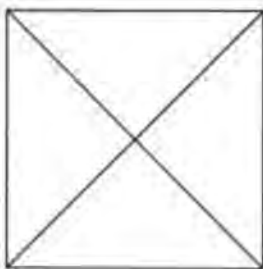
Color according to the required.



One half



One fourth



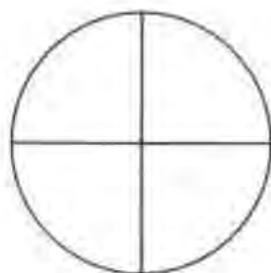
Two fourths



Three fourths



Four fourths

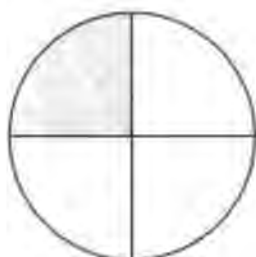


One whole





Circle according to the colored part.



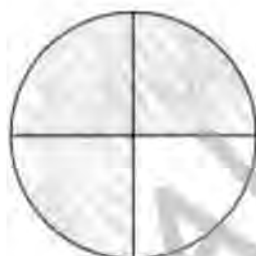
Half

Quarter



Half

Quarter



Quarter

Three fourths



Half

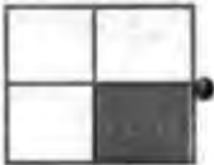
Quarter

1

Match according to the colored parts:



quarter



half



three quarters



2

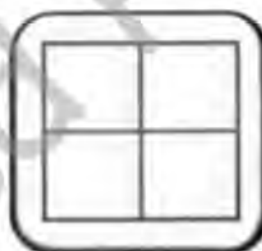
Color according to the given words:



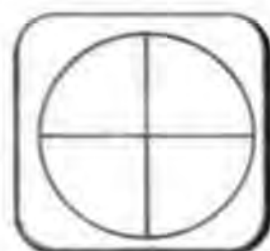
one half



one half



one quarter



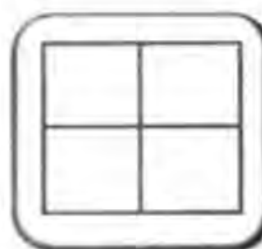
three quarters



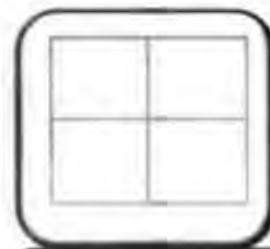
one whole



one quarter

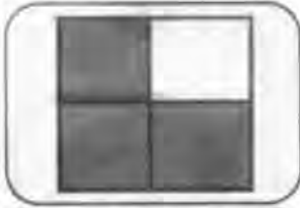


one half



three fourths

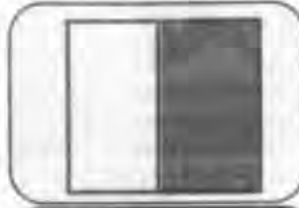


**3****Circle according to the colored part:**

• half  
• three quarters



• half  
• quarter



• half  
• quarter



• half  
• quarter

**4****Choose the correct answer:**

1- How many quarters are there in a whole one?

(1 - 2 - 3 - 4)

2- How many halves are there in a whole one?

(1 - 2 - 3 - 4)

3- How many quarters are there in a half?

(1 - 2 - 3 - 4)

4- How many halves are there in four quarters?

(1 - 2 - 3 - 4)

5- How many quarters in one half and one quarter together?

(1 - 2 - 3 - 4)

# Telling time



Join the clocks that show the same time.



Draw the hour hand on each clock face.  
Write the time on the digital clock.



2 o'clock



8 o'clock



6 o'clock



12 o'clock



11 o'clock



9 o'clock





Match the same time.



• It is **10** o'clock.



• It is **7** o'clock.



• It is **5** o'clock.



• It is **6** o'clock.



• It is **2** o'clock.

Get up!



6 : 00

Go to school!



8 : 00

Do my homework



5 : 00

Play with my friends



7 : 00

Take a bath



8 : 00

Go to bed



9 : 00



# Activity 4 Join:



1

Write the time:





**2 Match the same times**

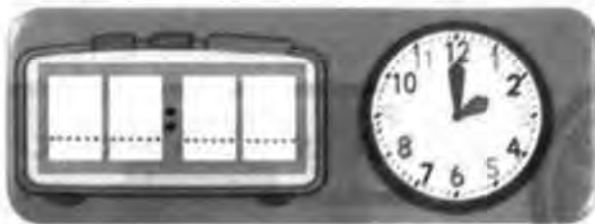


**3 Draw the hour hand as the same digital hour:**



4

Write the time in digits:



5

Draw the hands, then write the time in digits:

